

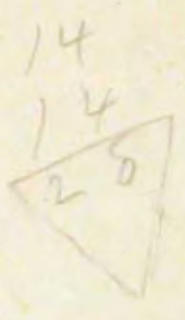
CATALOGUE
OF
HARDWARE

VOL. 9. 1899

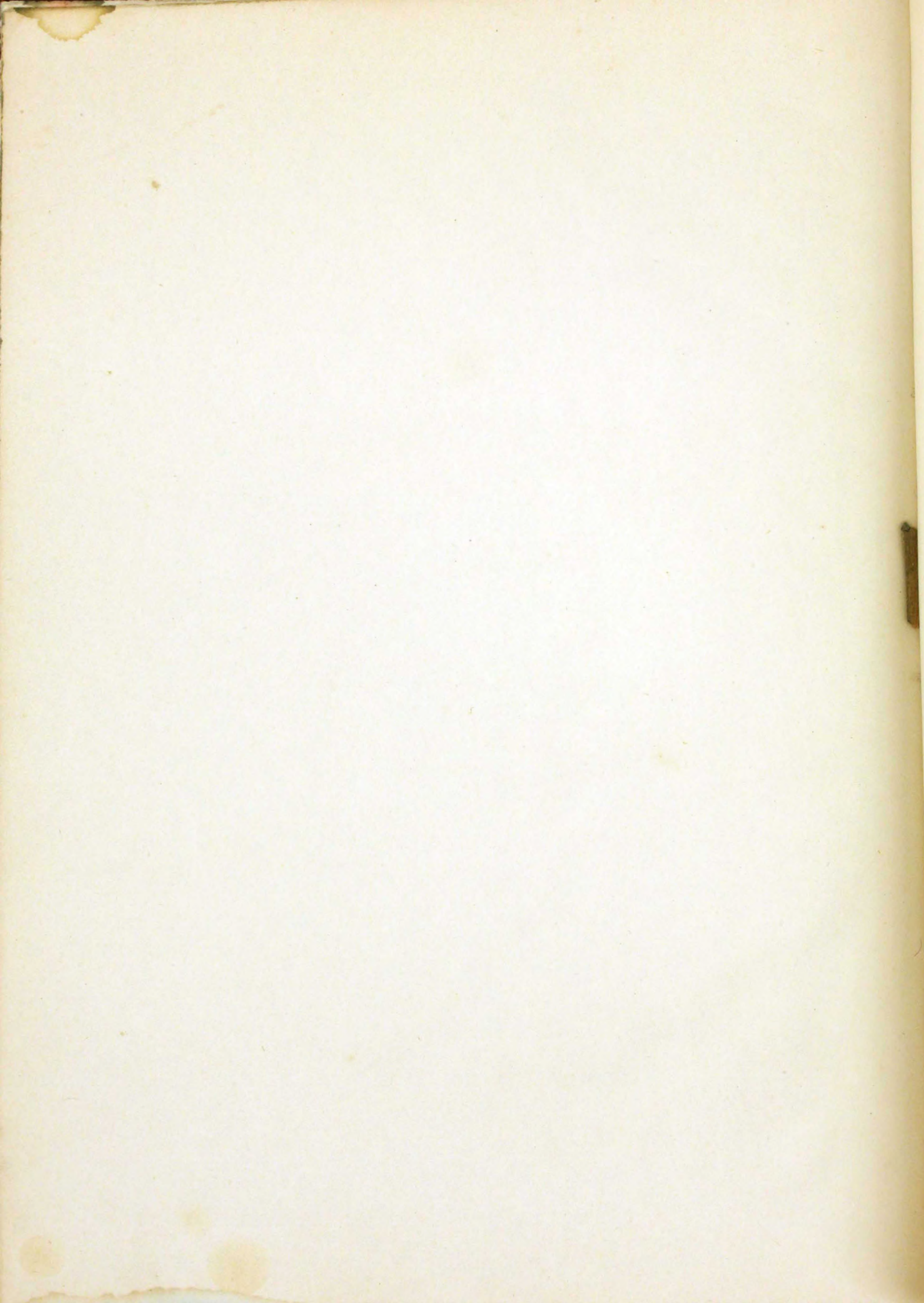


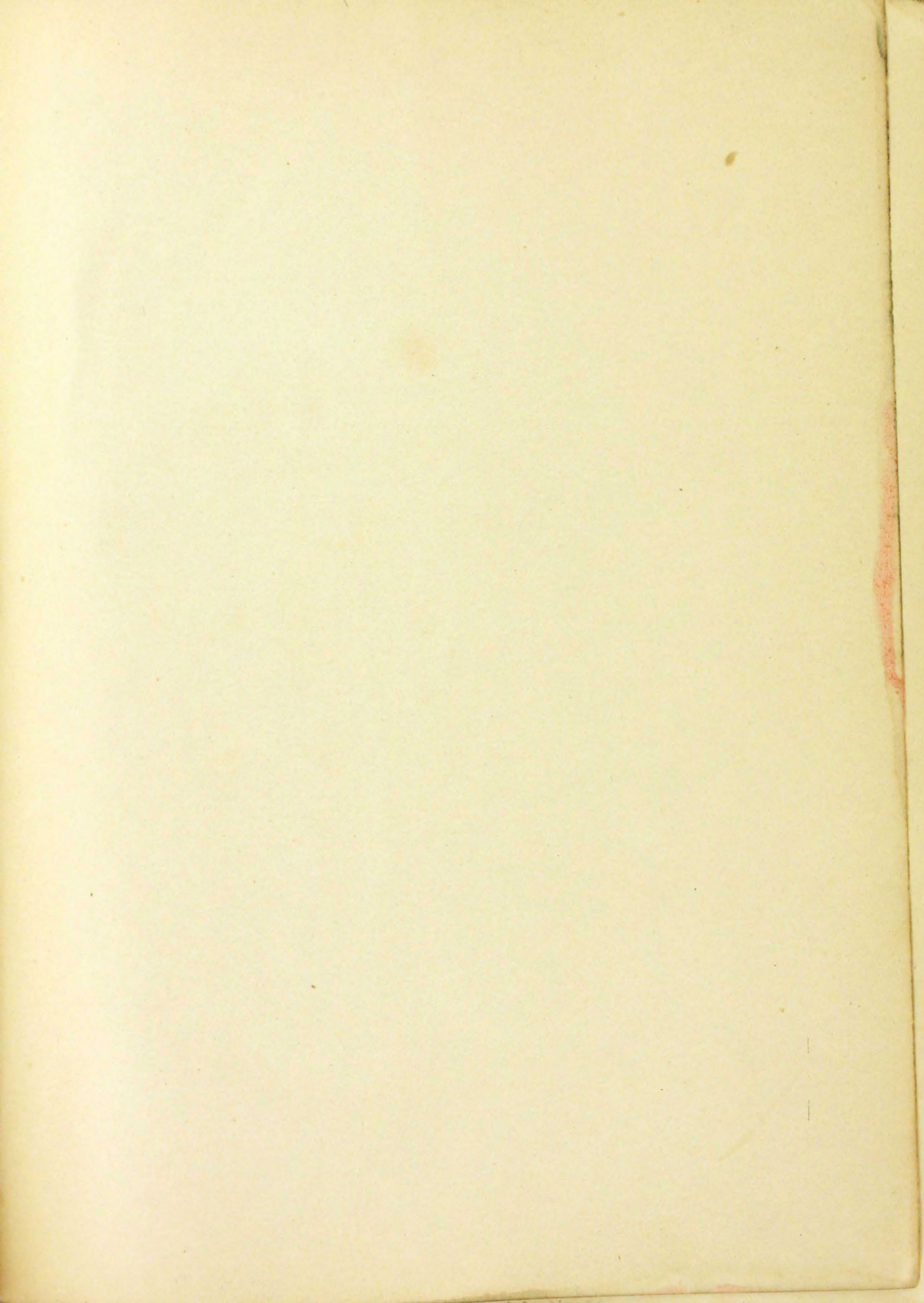
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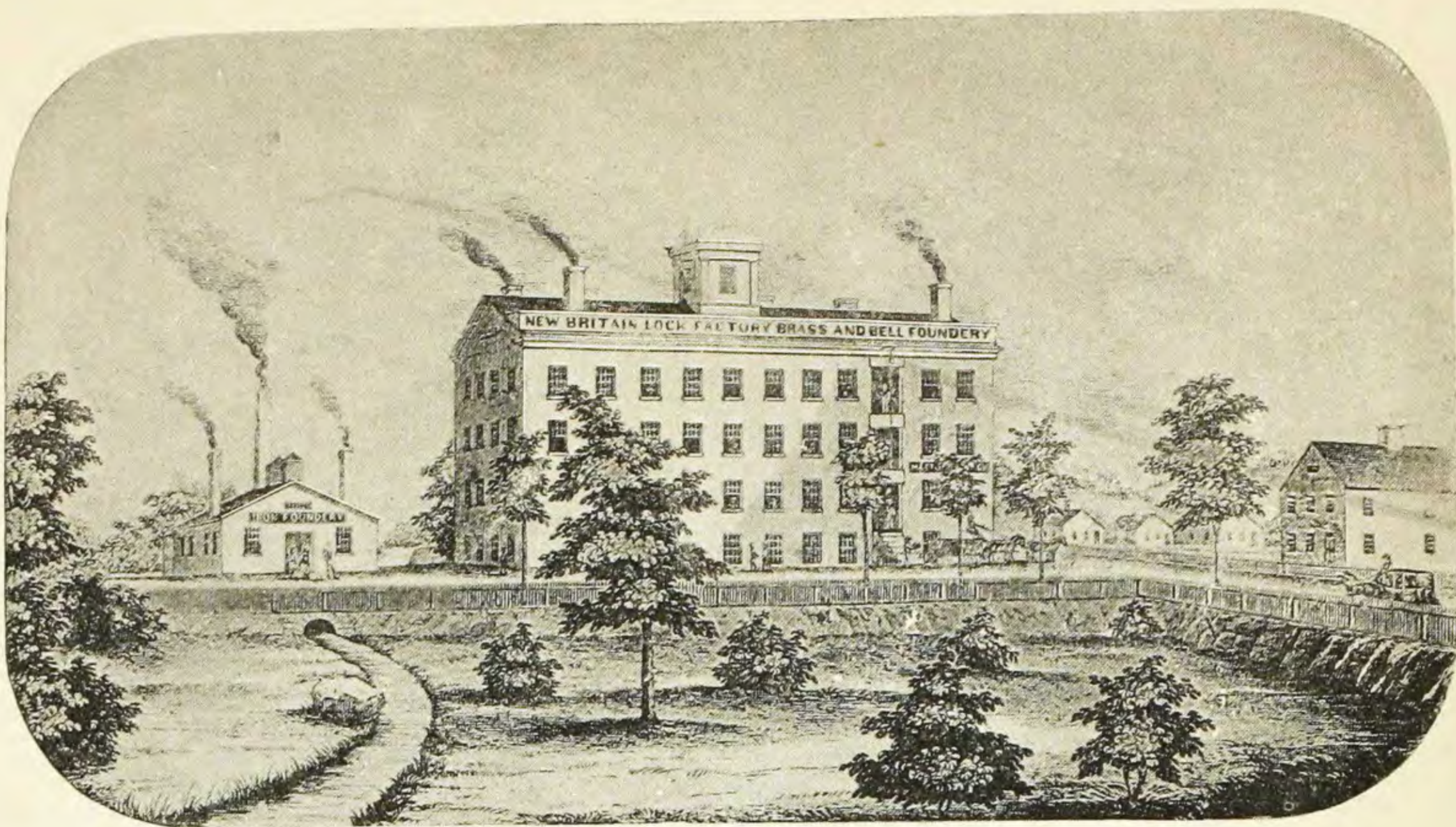
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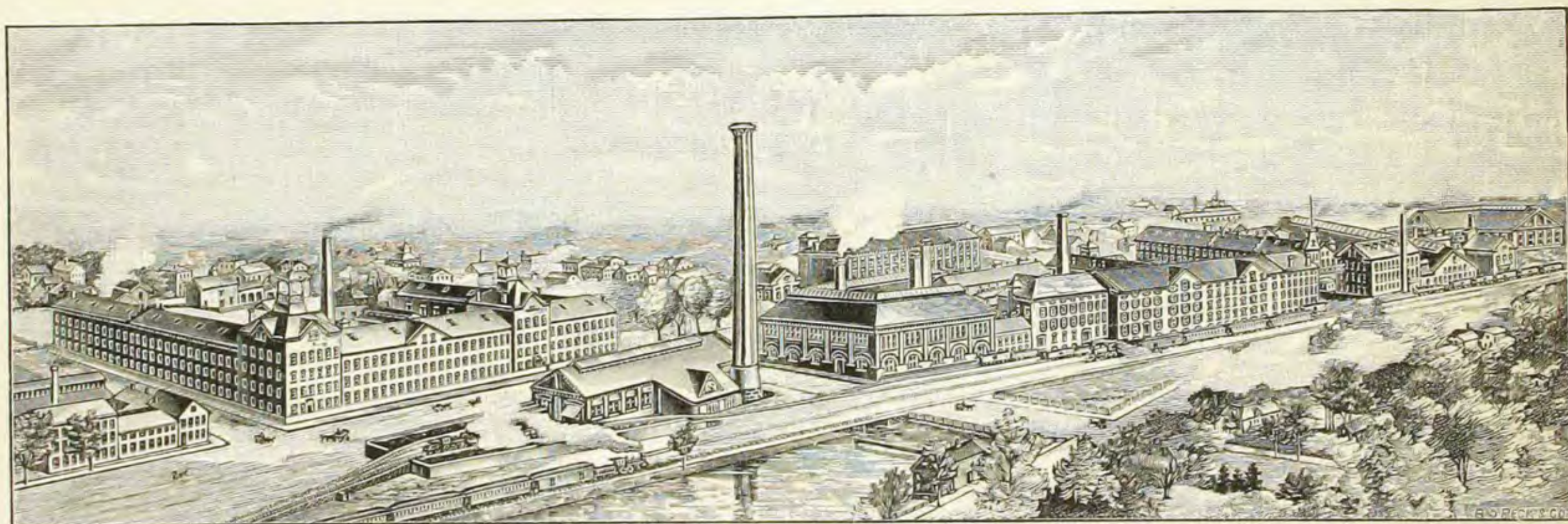
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WORKS OF
RUSSELL & ERWIN MANUFACTURING COMPANY
NEW BRITAIN, CONNECTICUT, U. S. A.

CATALOGUE
OF
HARDWARE

VOLUME IX.

RUSSELL & ERWIN MFG. Co.

NEW BRITAIN, CONNECTICUT,

U. S. A.

WAREHOUSES

NEW YORK—Nos. 43, 45, and 47 Chambers Street

PHILADELPHIA—No. 19 North Fifth Street

BALTIMORE—WM. H. COLE & SONS, Agents, No. 17 S. Charles Street

LONDON—E. C.: BROOKS' WHARF, Upper Thames Street



1899

SAMPLE OFFICES

BOSTON—814 State Street, Exchange Building

CHICAGO—Nos. 941-2 Marquette Building

WESTERN FACTORY

DAYTON, OHIO

CIRCULAR

Your attention is respectfully invited to the accompanying CATALOGUE OF HARDWARE, which will be found to embrace an increased variety of very desirable kinds, comprising a larger assortment than can be found at any other manufacturing establishment in America.

To the quality of our goods we ask special attention, and invite a careful comparison with any other maker's goods of corresponding kind.

We are prepared to make any desirable style or kind of goods that may be demanded in our branch of business.

Our facilities and experience enable us, and we are determined, to furnish goods on the most favorable terms, and we invite the Trade to examine our goods and prices, which can be done at either of our Warehouses, or at our Factories.

In addition to goods of our own manufacture, we have such arrangements with other manufacturers as to enable us to supply a large variety of Hardware, suited to every branch of the Trade, upon the same terms which the manufacturers sell the same.

—≡ 1853 ≡—



PREFACE

In putting before the trade our Catalogue Volume IX. we would call attention to the following features :—

SCOPE.—This Catalogue is designed to give, within the limits of a single volume, all the goods manufactured or sold by us which were to be found hitherto in Catalogue Volume VIII. and its various supplements. In addition, there are given on pages 155 to 198 such designs of Ornamented House Trimmings as are in general demand.

ARRANGEMENT.—Long usage has familiarized our customers with the order of previous catalogues; and we have not ventured to depart in any marked degree from the arrangement followed in Catalogue Volume VIII. The only notable changes are the insertion of Lock Sets on pages 119 to 154D, and the Design Section, pages 155 to 198, already mentioned. The general employment of half-size cuts has enabled us to reduce the size of the book materially.

NUMBERING OF GOODS.—The large increase in our line of Ornamented House Trimmings has rendered our old system of numbers cumbersome; and in this Catalogue a new scheme has been adopted which applies to Knobs, Escutcheons, and most Miscellaneous Goods. For example, Knob No. 951 will invariably signify a 2¼-inch knob, and the name will indicate the design to which it belongs. Orders should specify both number and name of design.

GENERAL.—Great care is exercised in the packing of all goods to assure their arrival in the hands of the consumer in as perfect a condition as when leaving the factory, and the quantities in a package are designed to meet the convenience of the retailer. In this connection we may point out that all Lock Sets are packed one in a box.

Labels are of bold and conspicuous style, making obvious the contents of boxes at a glance, and our system of using certain colors to designate goods of a particular metal or finish greatly facilitates the handling of goods and cannot fail to commend itself to those who deal in them.

In conclusion we would call attention to the reprint of our Circular of 1853, the terms of which apply as well to-day as they did nearly half a century ago.



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NOTE.—The articles covered by the various designs are not separately classified in this general index. For other knobs, escutcheons, and miscellaneous goods than those particularized below, reference should be made to pages 155 to 198.

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ERRATA

Page 24	Lock No. 3760 . Brass Bolt, Stop similar to that on Lock No. C1290 (page 27). Different style of Key, which may be inserted with either side uppermost.	2
Page 42	Lock No. 0057 has $\frac{3}{8}$ inch rabbet.	10
Page 76	These Sliding Door Locks can be furnished with Russwin cylinders. So made, they are designated as Nos. P0034 , P0034 $\frac{1}{2}$, and P0034 $\frac{3}{4}$.	5 1
Page 126	Set No. 5218 . Make number of Escutcheon 736 , instead of 735 .	6
Page 140	Make size of Roses $3 \times 1\frac{1}{2}$ inches, instead of $3 \times 3\frac{1}{2}$ inches.	6
Page 161	Brunswick goods will be furnished in both Antique Copper Finish and Finish No. 27.	6 5
Page 244	Blanks Nos. 200B , 201B , and 202B , <i>Tinned</i> Malleable Iron.	4
Page 272	Butts Nos. 1895 , 7084 , and 9084 . Erase sizes 2×2 and 6×6 inch.	4 5
Page 274	Butts No. 7916 . Erase size $5\frac{1}{2} \times 5\frac{1}{2}$ inch.	5
Page 365	Sash Lift No. 78 . Make read Finish No. 3.	5
Page 372	Insert Sash Lift No. 7125 , $4\frac{1}{8} \times 1\frac{3}{8}$ inches; style of No. 125, Bronze-plated, Finish No. 11.	5 5
Page 396	Screen Door Catches Nos. 7511 , 7513 , 0511 , and 0513 . Make size $2\frac{1}{4} \times 2$ inches instead of $3\frac{1}{2} \times 1\frac{3}{4}$.	5 7
Page 432	Coat and Hat Hooks Nos. 7137 and 137 . Packed one-sixth gross in a box.	1
Page 435	Coat and Hat Hook No. 190 . Packed with screws.	7
Page 463	Padlock No. 224 has Steel-bit Key Metal Keys.	1

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SOLE AGENTS FOR THE JAMES SWAN COMPANY'S

PREMIUM MECHANICS' TOOLS

The largest variety of tools manufactured under any one brand and bearing the
"SWAN" trade mark.



Especial attention is called to the following: Only the best quality of Cast Steel and Norway Iron is used in the manufacture of Socket Framing Chisels and Drawing Knives.

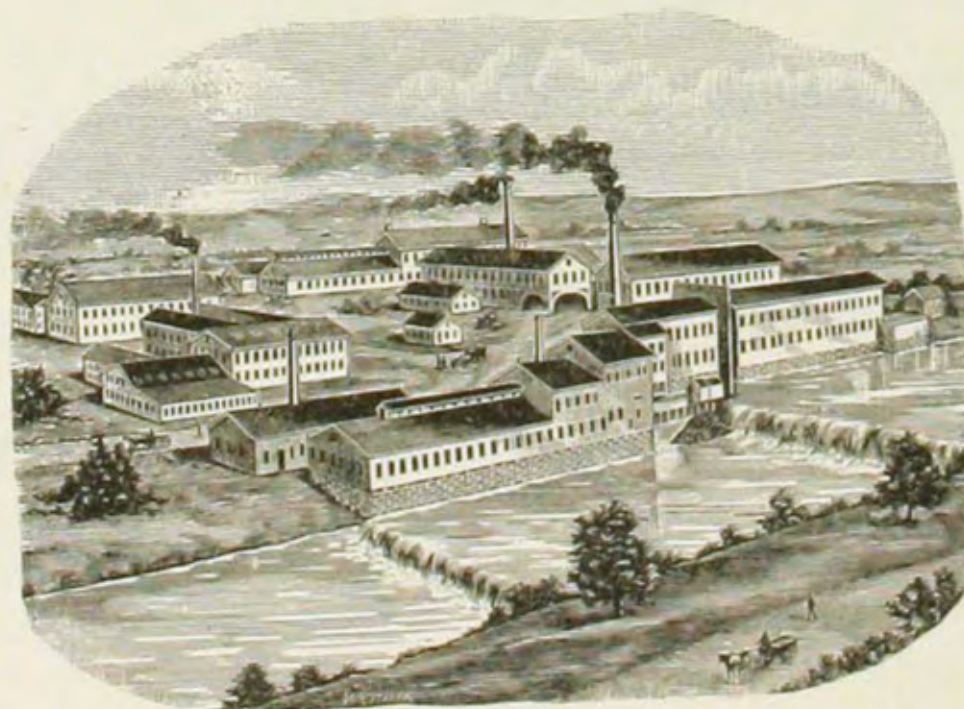
All Socket Firmer and Tanged Firmer Chisels and Gouges, Screw-drivers and Screw-driver Bits, are made from the best quality of Cast Steel.

All Augers and Bits are made from Crucible Cast Steel. Each one is tested by boring before shipment.

This brand also includes the following well-known assortment: Cook's, Jennings' Pattern, No. 7, and Extra Augers and Bits, Hollow Augers, Expansive Bits, Gimlets and Gimlet Bits, Twist Drills, Bung Borers, Boring Machines, Etc.

The highest standard of quality and finish is adhered to in the manufacture of this line of goods and every tool is fully warranted.

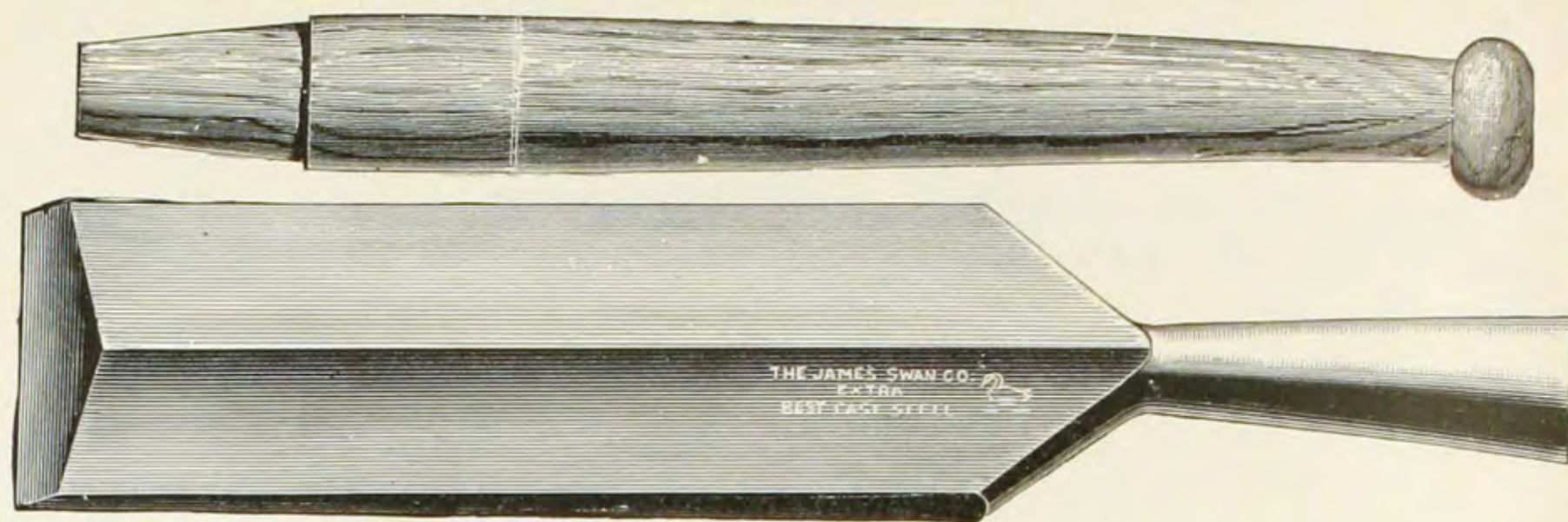
Special goods furnished to order.



FACTORIES



CARPENTERS' SLICKS



Size, inches,
Per dozen,

$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4
\$40.00	42.00	44.00	48.00	52.00	56.00	60.00

Quarter dozen in a wooden box.

EXTRA SOCKET FRAMING CHISELS

Oval Back



Bevel Back



8-INCH BLADES

Size, inches,	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$12.00	12.00	12.00	12.00	12.00	13.00	14.00	15.00	16.00
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	\$18.00	18.00	20.00	22.00	24.00	28.00	32.00	36.00	40.00

Half dozen in a wooden box.

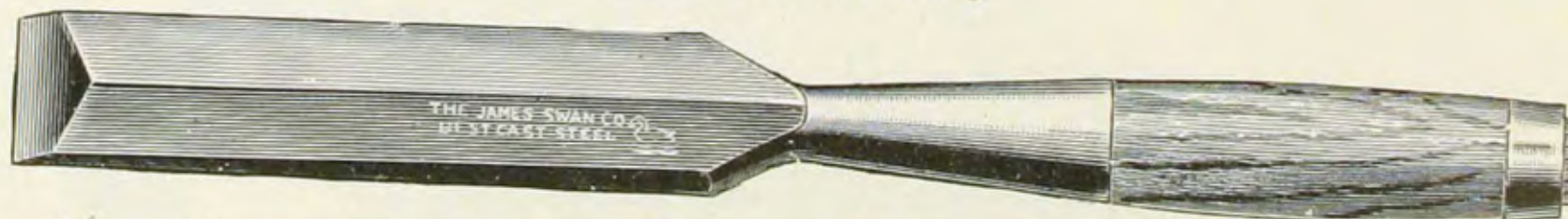
ASSORTED IN SETS

Size, inches,	$\frac{1}{4}$ to 3 (16)—All sizes except $\frac{7}{16}$ and $1\frac{1}{8}$,	per set, \$30.00
"	$\frac{1}{4}$ to 2 (12)— $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	" " 18.00
"	$\frac{1}{4}$ to 2 (9)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2,	" " 14.00
"	$\frac{1}{4}$ to 2 (6)— $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2,	" " 10.00

One set in a wooden box.

NO. 1 SOCKET FRAMING CHISELS

Bevel Back Only



Size, inches,	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$12.00	12.00	12.00	12.00	13.00	14.00	15.00	16.00	18.00	20.00	22.00	24.00

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{4}$ to 2 (12)— $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$18.00
"	$\frac{1}{4}$ to 2 (9)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2,	" " 14.00
"	$\frac{1}{4}$ to 2 (6)— $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2,	" " 10.00

One set in a wooden box.



CORNER CHISELS



Size, inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per dozen,	\$22.00	24.00	28.00	30.00	32.00	34.00	36.00	40.00

Half dozen in a wooden box.

SOCKET FRAMING MILLWRIGHTS' CHISELS

10-INCH BLADES

Size, inches,	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$15.00	17.00	18.00	19.00	19.00	20.00	20.00	21.00
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	
Per dozen,	\$22.00	24.00	26.00	30.00	30.00	33.00	36.00	

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{4}$ to 2 (12)— $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$25.00
" "	$\frac{1}{4}$ to 2 (9)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2,	" " 21.00
" "	$\frac{1}{4}$ to 2 (6)— $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2,	" " 15.00

One set in a wooden box.

NO. 250. BEVELED SOCKET FIRMER CHISELS



6½-INCH BLADES

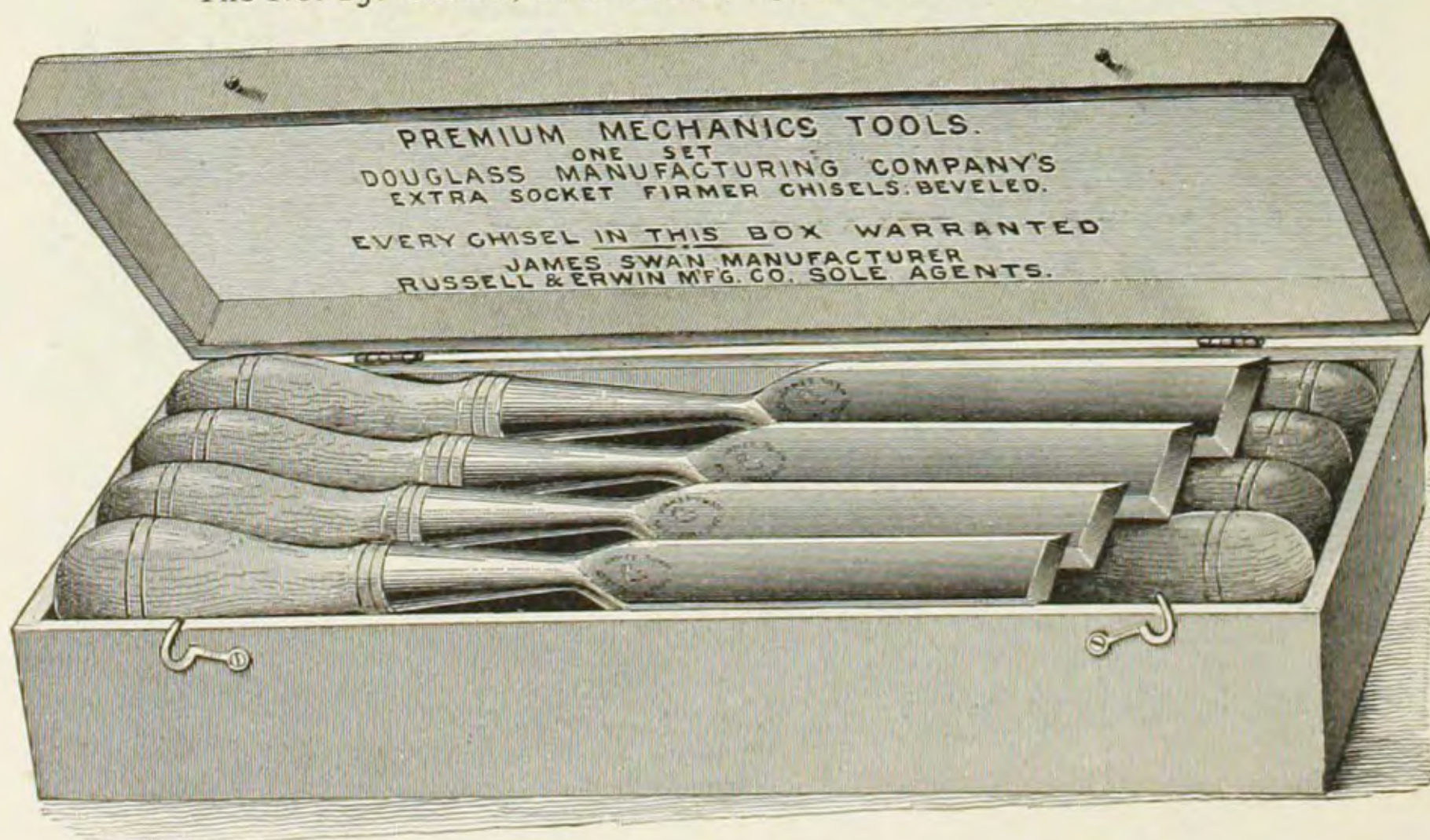
Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen,	\$8.00	8.00	8.00	9.00	10.00	11.00	11.00
Size, inches,	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	
Per dozen,	\$12.00	13.00	13.00	14.00	15.00	16.00	

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$11.25
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2,	" " 8.25
" "	$\frac{1}{8}$ to $1\frac{1}{2}$ (9)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$,	" " 7.75

Add 50 cents per dozen net for Beveling. One set in a wooden box.
The No. 250 Chisels, 12 in a set, are packed in a Hinge Top Box.



No. 250

Illustration of Beveled Socket Firmer Chisels, No. 250, 12 in a set.



EXTRA SOCKET FIRMER CHISELS



6½-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen,	\$8.00	8.00	8.00	9.00	10.00	11.00	11.00
Size, inches,		1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,		\$12.00	13.00	13.00	14.00	15.00	16.00

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2	(12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$11.25
"	$\frac{1}{4}$ to 2	(8)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2,	" " 8.25
"	$\frac{1}{8}$ to $1\frac{1}{2}$	(9)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$,	" " 7.75

One set in a wooden box.

NO. 1 SOCKET FIRMER CHISELS



6½-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen,	\$8.00	8.00	8.00	9.00	10.00	11.00	11.00
Size, inches,		1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,		\$12.00	13.00	13.00	14.00	15.00	16.00

Half dozen in a wooden box.

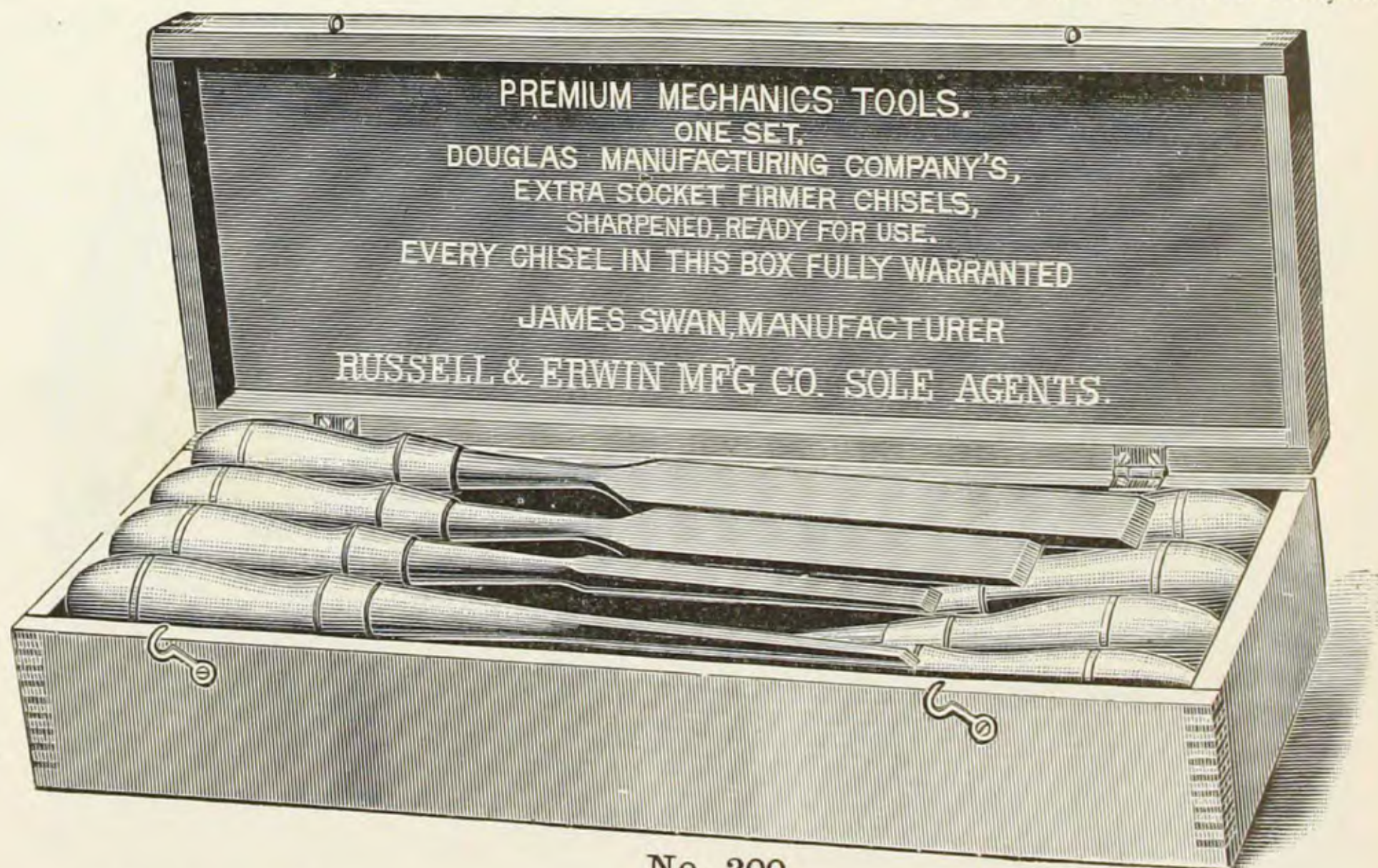
ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2	(12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$11.25
"	$\frac{1}{4}$ to 2	(8)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2,	" " 8.25
"	$\frac{1}{8}$ to $1\frac{1}{2}$	(9)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$,	" " 7.75

One set in a wooden box.

CHISELS IN WOODEN BOXES

Packed in Patent Spring Bottom Boxes which allow adjustment of Chisels and yet hold them firmly in position.

No.
200

No. 200

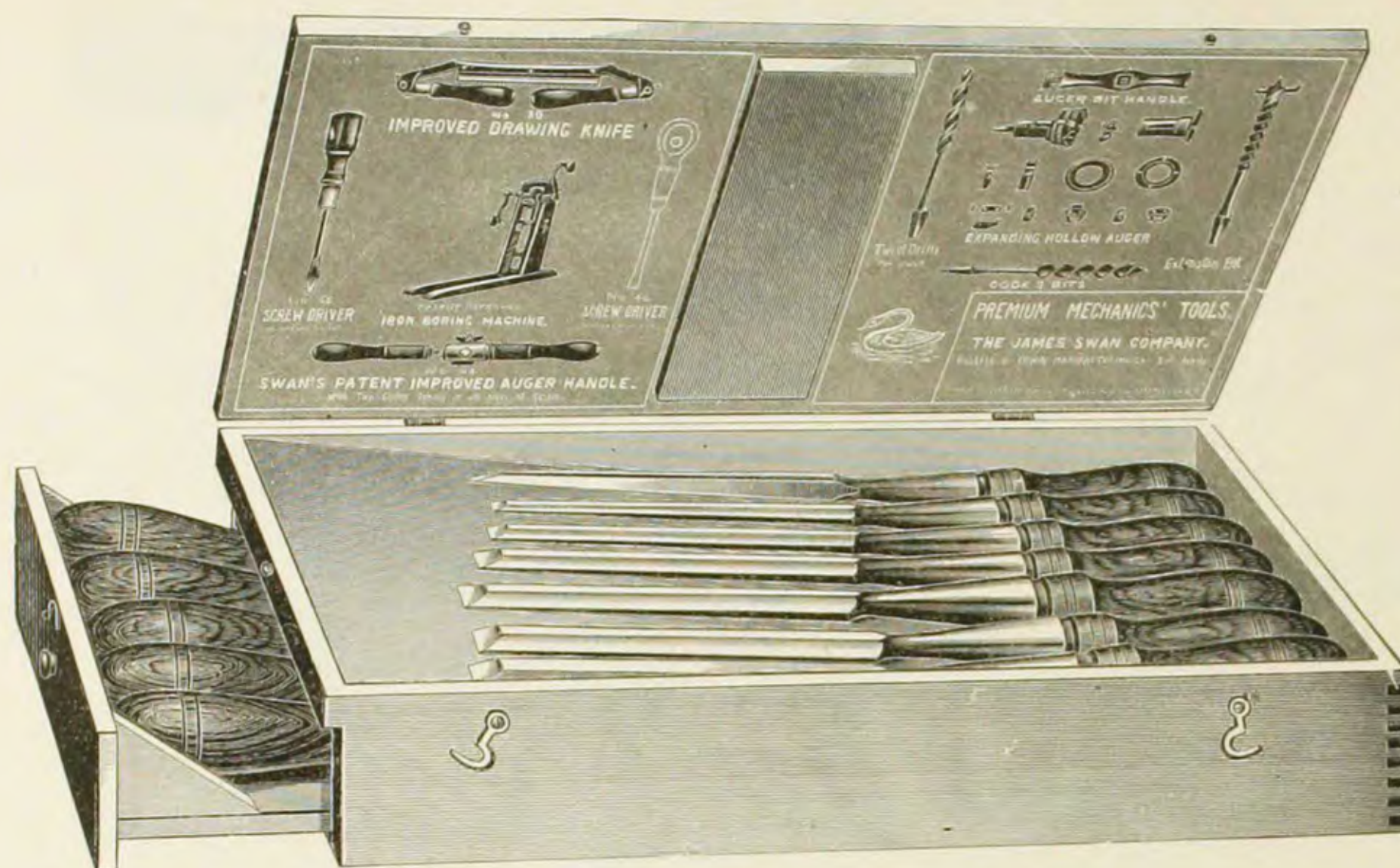
Extra Socket Firmer Chisels, Sharpened and Honed,
in sets (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,

Per set.

\$5.00



CHISELS IN WOODEN BOXES



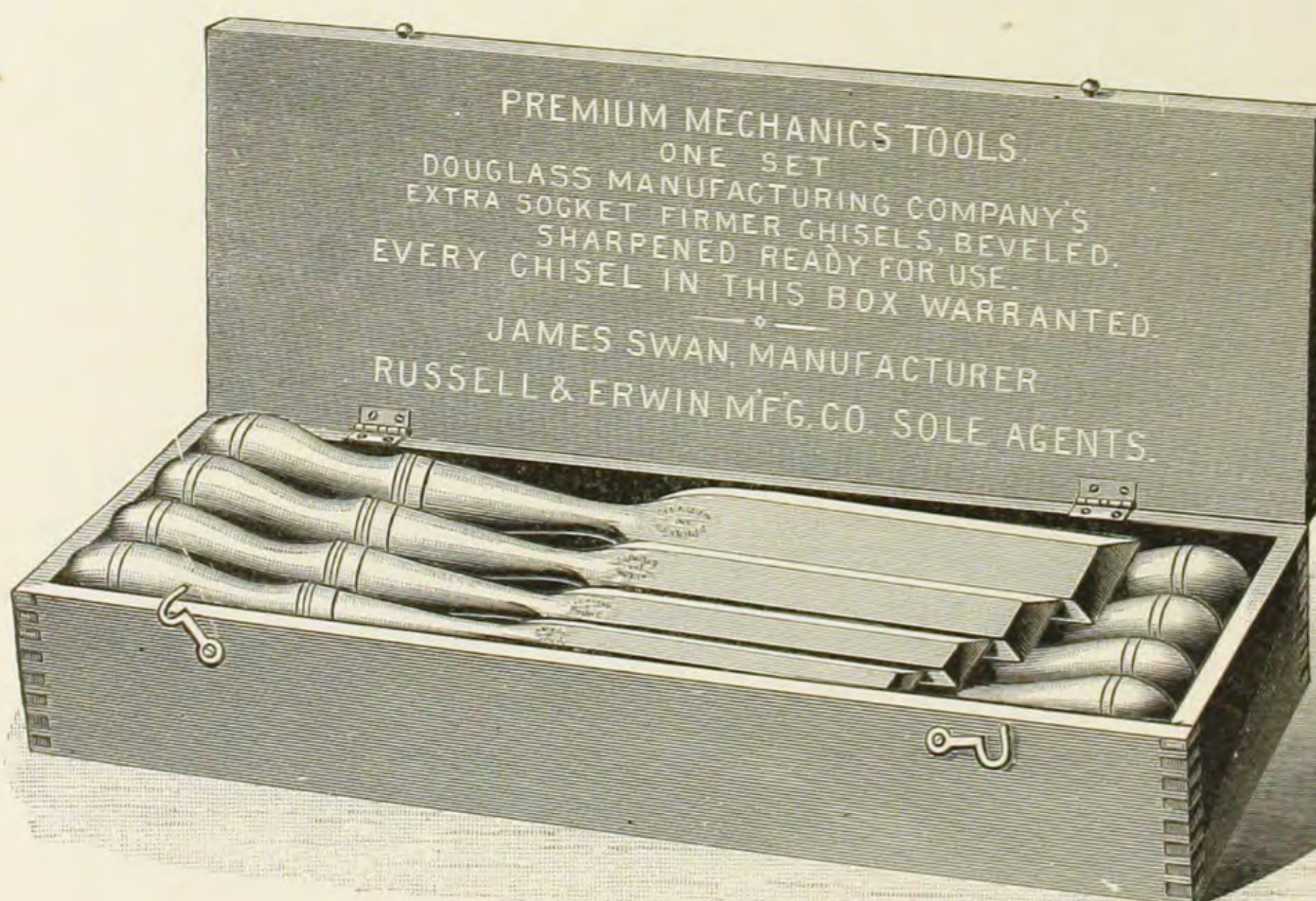
No. 400

Per set.

No.
400Beveled Socket Firmer Chisels, Rosewood Finish Handles,
in sets (12)— $\frac{1}{8}$ to 2 inches,

\$6.00

It will be seen by the above cut that any Chisel desired can be taken from top or drawer without interfering with the others. The box is made of hard wood, nicely finished, and so constructed that there is no weight on the Hinges.



No. 300

Per set.

No.
180Beveled Tanged Firmer Chisels, Sharpened and Honed, Fancy Handles,
in sets (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,

\$8.65

300

Beveled Socket Firmer Chisels, Sharpened and Honed,
in sets (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,

6.50

Packed in patent spring-bottom boxes which allow adjustment of Chisels and yet hold them firmly in position.



SUPERIOR SOCKET COACHMAKERS' CHISELS



7-INCH BLADES, HEAVY

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$5.00	5.75	6.00	7.00	8.00	8.50	9.00	9.50
Size, inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	\$10.50	11.50	12.00	13.00	16.00	20.00	26.00	

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$10.00
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2,	" " 7.50

One set in a wooden box.

SUPERIOR SOCKET PARING CHISELS



7½-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$5.00	6.25	6.50	7.50	8.00	8.50	9.00	9.50
Size, inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	\$10.50	11.50	12.00	13.00	16.00	20.00	26.00	

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$10.00
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2,	" " 7.50

One set in a wooden box.

SUPERIOR SOCKET FIRMER MILLWRIGHTS' CHISELS



8-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen,	\$5.50	6.25	6.50	7.50	8.00	9.25	9.75
Size, inches,	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	3
Per dozen,	\$10.50	11.00	12.00	12.50	13.50	21.00	27.00

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$13.50
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2,	" " 12.00

One set in a wooden box.



SUPERIOR SOCKET FIRMER GOUGES

Outside Bevel



6 1/2-INCH BLADES

Size, inches,	1/8	1/4	3/8	1/2	5/8	3/4
Per dozen,	\$5.00	5.75	6.00	7.00	8.00	8.50
Size, inches,	7/8	1	1 1/4	1 1/2	1 3/4	2
Per dozen,	\$9.00	9.50	10.50	11.50	12.00	13.00

ASSORTED IN SETS

Size, inches,	1/8 to 2 (12)—1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2,	per set, \$10.00
" " "	1/4 to 2 (8)—1/4, 1/2, 3/4, 1, 1 1/4, 1 1/2, 1 3/4, 2,	" " 7.50

Furnished with Inside Bevel at same List Prices.

SOCKET FIRMER PARING GOUGES

Inside Bevel



7 1/2-INCH BLADES

Size, inches,	1/8	1/4	3/8	1/2	5/8	3/4
Per dozen,	\$6.00	7.00	8.00	8.50	9.50	10.50
Size, inches,	7/8	1	1 1/4	1 1/2	1 3/4	2
Per dozen,	\$11.00	12.00	13.50	14.00	15.00	16.00

ASSORTED IN SETS

Size, inches,	1/8 to 2 (12)—1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2,	per set, \$12.50
" " "	1/4 to 2 (8)—1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2,	" " 10.00

SOCKET FIRMER MILLWRIGHTS' GOUGES

Inside Bevel



8-INCH BLADES

Size, inches,	1/8	1/4	3/8	1/2	5/8	3/4
Per dozen,	\$7.00	8.00	9.00	10.00	11.00	12.00
Size, inches,	7/8	1	1 1/4	1 1/2	1 3/4	2
Per dozen,	\$13.00	14.00	16.00	17.00	18.00	20.00

ASSORTED IN SETS

Size, inches,	1/8 to 2 (12)—1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2,	per set, \$15.00
" " "	1/4 to 2 (8)—1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2,	" " 12.50

All above, half dozen in a wooden box.

Sets, one set in a wooden box.

Outside Bevel Millwright and Paring Gouges furnished to order.



NO. 175, BEVELED TANGED FIRMER CHISELS



SHARPENED AND HONED, FANCY APPLEWOOD HANDLES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$4.70	4.85	5.10	5.45	5.80	6.05
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$6.25	6.70	8.75	9.90	12.35	13.90

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches, $\frac{1}{8}$ to 2	(12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$7.75
" " $\frac{1}{8}$ to $1\frac{1}{2}$	(9)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$,	" " 5.00

One set in a wooden box.

NO. 180, BEVELED TANGED FIRMER CHISELS

In sets (12) ($\frac{1}{8}$ -2) packed in patent spring bottom boxes.

See page 673.

NO. 150, BEVELED TANGED FIRMER CHISELS

WITHOUT HANDLES, SHARPENED AND HONED

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$3.80	3.85	4.00	4.40	4.60	4.80
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$5.00	5.40	7.25	8.30	10.50	12.00

One dozen in a wooden box.

ASSORTED IN SETS

Size, inches, $\frac{1}{8}$ to 2	(12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$6.40
Size, inches, $\frac{1}{8}$ to $1\frac{1}{2}$	(9)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$,	" " 4.00

One set in a wooden box.

NO. 100, CITY PATTERN HANDLED TANGED FIRMER CHISELS

POLISHED APPLEWOOD HANDLE WITH CAST BRASS FERRULE, SHARPENED AND HONED

Size, inches,	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$2.60	2.85	3.15	3.45	3.70	4.05	4.30	5.60	6.70	8.05	9.40

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches, $\frac{1}{8}$ to 2	(12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$4.80
" " $\frac{1}{8}$ to $1\frac{1}{2}$	(9)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$,	" " 3.20
" " $\frac{1}{8}$ to 1	(8)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1,	" " 2.50

One set in a wooden box.



EXTRA COACHMAKERS' FIRMER CHISELS



6½-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen,	\$4.50	4.75	4.87	5.25	5.50	6.00	6.50
Size, inches,	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per dozen,	\$7.50	9.75	11.75	13.25	16.25	19.25	21.25

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$8.75
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	" " 7.75

Without handles, \$1.25 per dozen less on List Prices. One set in a wooden box.

EXTRA LONG THIN PARING CHISELS



7-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$4.50	4.75	4.87	5.25	5.50	6.00	6.50	8.00
Size, inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	\$9.75	11.75	13.25	16.25	19.25	22.25	31.25	39.25

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$8.75
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	" " 7.25

Without handles, \$1.25 per dozen less on List Prices. One set in a wooden box.

EXTRA MILLWRIGHTS' FIRMER CHISELS



7½-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$5.25	5.25	5.75	6.25	7.25	8.25
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen,	\$9.25	10.25	11.75	13.25	14.75	15.75
Size, inches,	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	\$18.25	22.25	26.25	32.25	38.25	42.25

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$11.25
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2	" " 8.75

Without handles, \$1.25 per dozen less on List Prices. One set in a wooden box.



EXTRA PARING FIRMER GOUGES

Inside Bevel



7-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$5.40	5.75	5.87	6.25	6.50	6.87
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$7.50	8.50	10.25	11.25	15.25	18.25

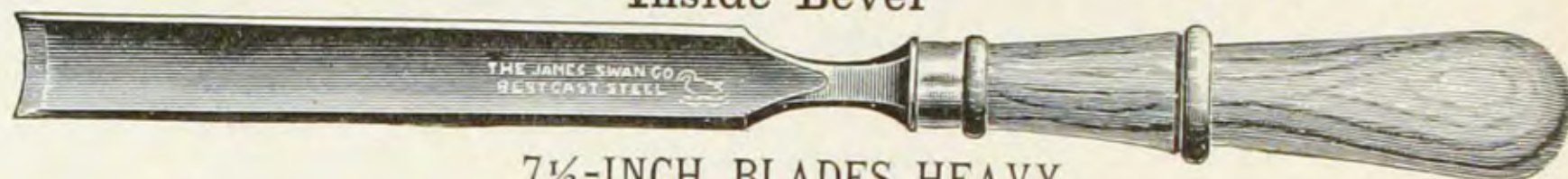
Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$11.75
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2,	" " 10.25
Without handles, \$1.25 per dozen less on List Prices. One set in a wooden box.		

EXTRA MILLWRIGHTS' FIRMER GOUGES

Inside Bevel



7½-INCH BLADES, HEAVY

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$6.25	6.25	6.75	7.25	8.25	9.25
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$10.25	11.25	14.75	17.25	20.25	23.75

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$13.75
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2,	" " 11.25
Without handles, \$1.25 per dozen less on List Prices. One set in a wooden box.		

EXTRA TURNING CHISELS



7-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$2.50	2.75	3.12 $\frac{1}{2}$	3.37 $\frac{1}{2}$	3.75	4.25	5.00	5.50
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per dozen,	\$7.00	7.00	8.75	8.75	10.25	12.50	16.50	21.50

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$6.50
" "	$\frac{1}{4}$ to $1\frac{1}{2}$ (9)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$,	" " 5.00
Handled, \$1.25 per dozen extra on List Prices. One set in a wooden box.		

EXTRA TURNING GOUGES



7-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$3.00	3.00	3.50	4.00	4.50	5.50	6.00	7.00
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per dozen,	\$8.50	8.50	12.75	12.75	14.00	18.00	21.00	25.00

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	per set, \$8.50
" "	$\frac{1}{4}$ to $1\frac{1}{2}$ (9)— $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$,	" " 6.50
Handled, \$1.25 per dozen extra on List Prices. One set in a wooden box.		



EXTRA TANGED FIRMER CHISELS



Size, inches, $\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen, \$2.00	2.00	2.00	2.12 $\frac{1}{2}$	2.12 $\frac{1}{2}$	2.25	2.25	2.60	2.60	2.75	3.00	3.50
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3
Per dozen,	4.50	5.00	5.50	6.00	7.50	7.50	9.00	9.00	11.50	14.00	21.00

One dozen in a wooden box.

EXTRA TANGED FIRMER CHISELS, HANDLED

Size, inches,	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$		
Per dozen,	\$3.00	3.00	3.00	3.12 $\frac{1}{2}$	3.12 $\frac{1}{2}$	3.25	3.25	3.60		
Size, inches,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$		
Per dozen,	\$3.60	3.75	4.00	4.50	5.50	6.00	6.50	7.00		
Size, inches,		$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3		
Per dozen,		\$8.50	8.50	10.00	10.00	12.50	15.00	22.00		

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,			Per set. Not Handled.	Per set. Handled.
$\frac{1}{8}$ to 1	(8)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1,		\$2.50	\$3.50
" "	$\frac{1}{8}$ to $1\frac{1}{2}$	(9)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$,	3.25	4.25
" "	$\frac{1}{8}$ to 2	(12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	4.25	5.25

One set in a wooden box.

NO. 1, TANGED FIRMER CHISELS

Separate sizes and sets, not handled, same List Prices as Extra.

EXTRA TANGED FIRMER GOUGES

Outside Bevel



Size, inches,	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$2.25	2.37 $\frac{1}{2}$	2.50	2.62 $\frac{1}{2}$	2.62 $\frac{1}{2}$	2.75	2.87 $\frac{1}{2}$	3.00	3.00	3.25
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen,	\$3.50	4.50	5.50	6.00	7.00	7.50	9.00	10.00	12.00	12.00

One dozen in a wooden box.

EXTRA TANGED FIRMER GOUGES, HANDLED

Size, inches,	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$3.25	3.37 $\frac{1}{2}$	3.50	3.62 $\frac{1}{2}$	3.62 $\frac{1}{2}$	3.75	3.87 $\frac{1}{2}$	4.00	4.00	4.25
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen,	\$4.50	5.50	6.50	7.00	8.00	8.50	10.00	11.00	13.00	13.00

Half dozen in a wooden box.

ASSORTED IN SETS

Size, inches,			Per set. Not Handled.	Per set. Handled.
$\frac{1}{8}$ to 1	(8)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1,		\$3.25	\$4.25
" "	$\frac{1}{8}$ to $1\frac{1}{2}$	(9)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$,	4.00	5.00
" "	$\frac{1}{8}$ to 2	(12)— $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,	6.00	7.00

One set in a wooden box.

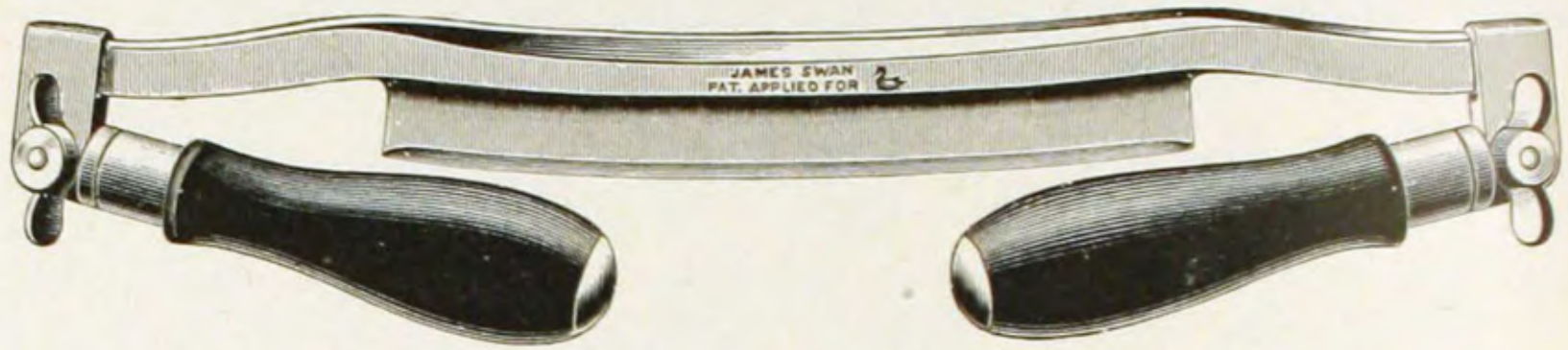
Furnished with Inside Bevel at same list prices.

NO. 1, TANGED FIRMER GOUGES

Separate sizes and sets, not handled, same List Prices as Extra.



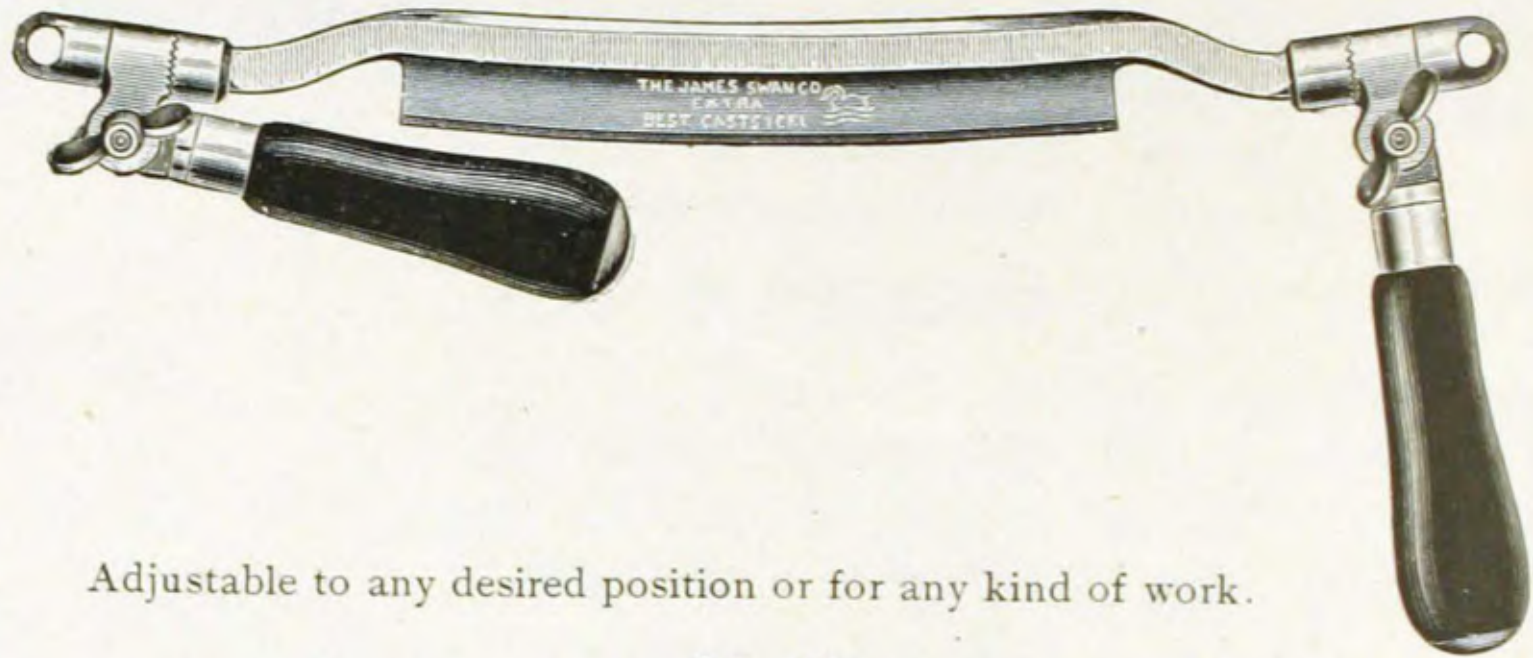
SWAN'S PATENT ADJUSTABLE AND FOLDING HANDLE DRAWING KNIVES



This is a new drawing knife and a very strong and superior tool.

	NO. 32				
Size, inches,	6	7	8	9	10
Per dozen,	\$21.00	22.50	24.00	25.50	27.00

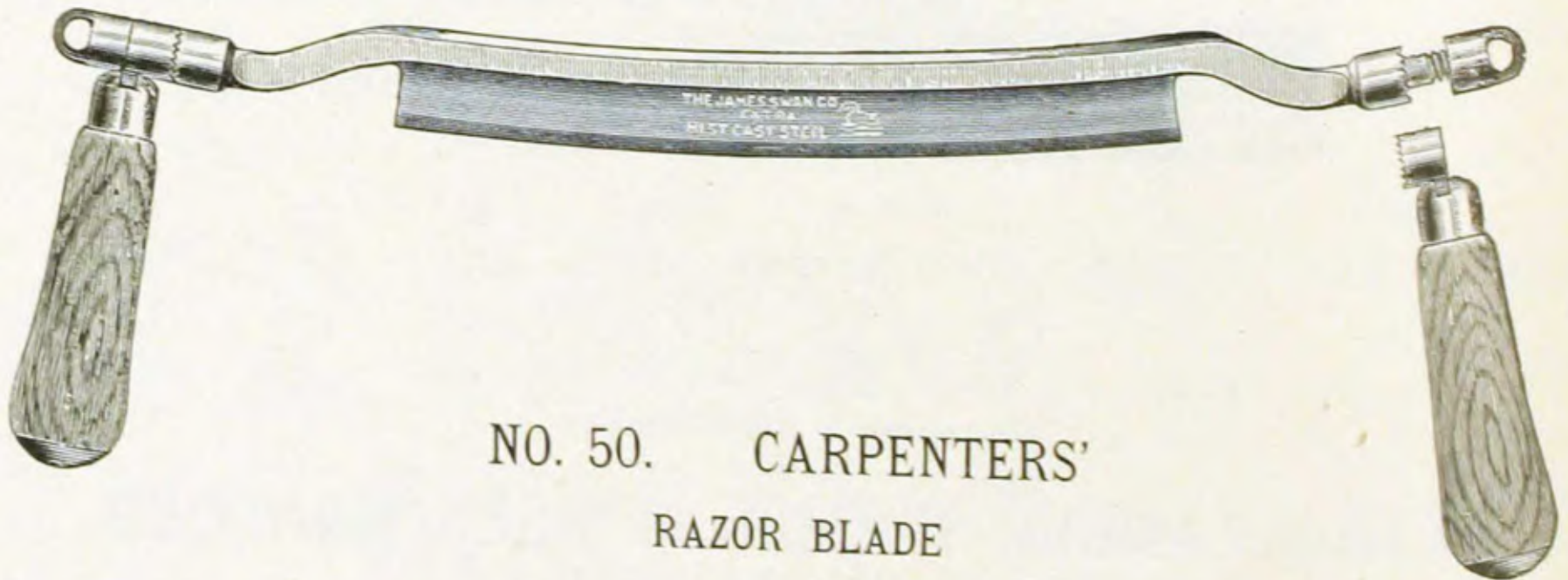
Half dozen in a box.



Adjustable to any desired position or for any kind of work.

	NO. 40			
Size, inches,	6	7	8	
Per dozen,	\$21.00	22.50	24.00	

ADJUSTABLE HANDLE DRAWING KNIVES



NO. 50. CARPENTERS' RAZOR BLADE

Size, inches,	6	7	8	9	10	11	12
Per dozen,	\$9.00	10.50	12.00	13.50	15.00	16.50	18.00

NO. 55. SCROLL NARROW, BEVELED ON BOTH SIDES

Size, inches,	6	7	8	9	10
Per dozen,	\$9.00	10.50	12.00	13.50	15.00

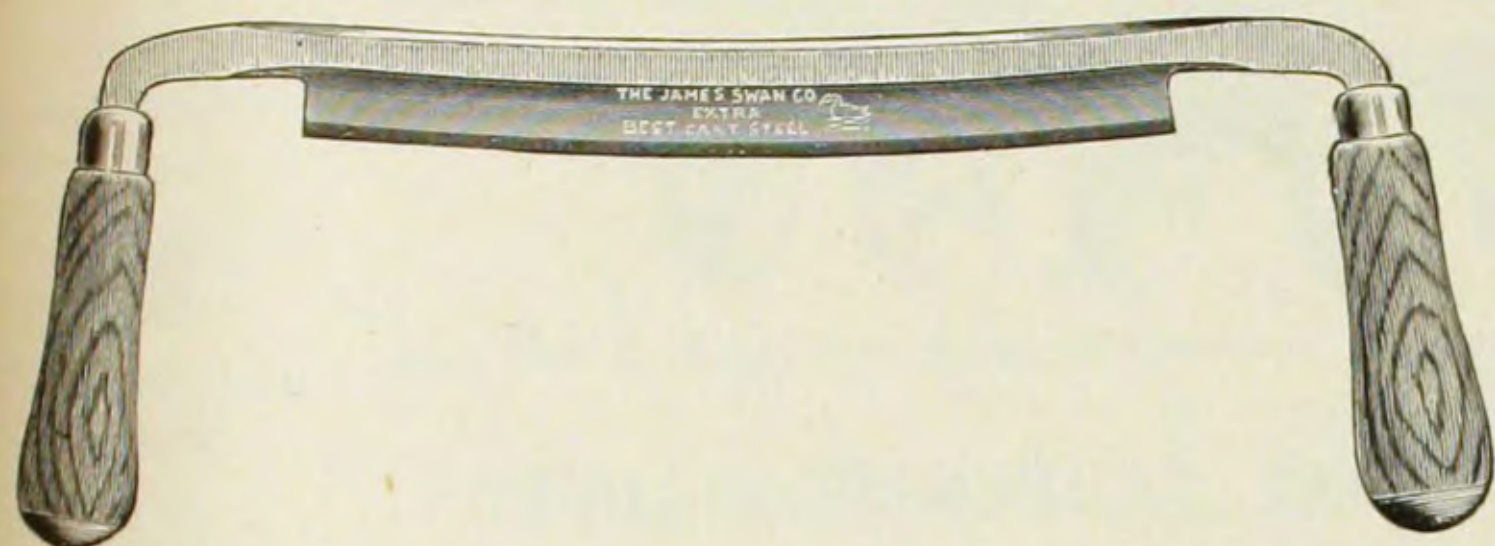
NO. 60. COACHMAKERS' WIDE, BEVELED ON BOTH SIDES

Size, inches,	6	7	8	9	10	11	12
Per dozen,	\$9.50	11.00	12.50	14.00	15.50	17.00	18.50

All above, half dozen in a box.



DRAWING KNIVES



RAZOR BLADE DRAWING KNIVES

(BRASS CAP AND FERRULE)

Size, inches,	6	7	8	9
Per dozen,	\$17.00	18.00	19.00	20.00
Size, inches,	10	11	12	13
Per dozen,	\$21.00	22.00	23.00	25.00
Size, inches,	14	15	16	
Per dozen,	26.00	27.00	29.00	

Half dozen in a package.

Above with Ebonized Handles, Nickel-plated Ferrules, add 25 cents per dozen, net.



EXTRA DRAWING KNIVES

(BRASS CAP AND FERRULE)

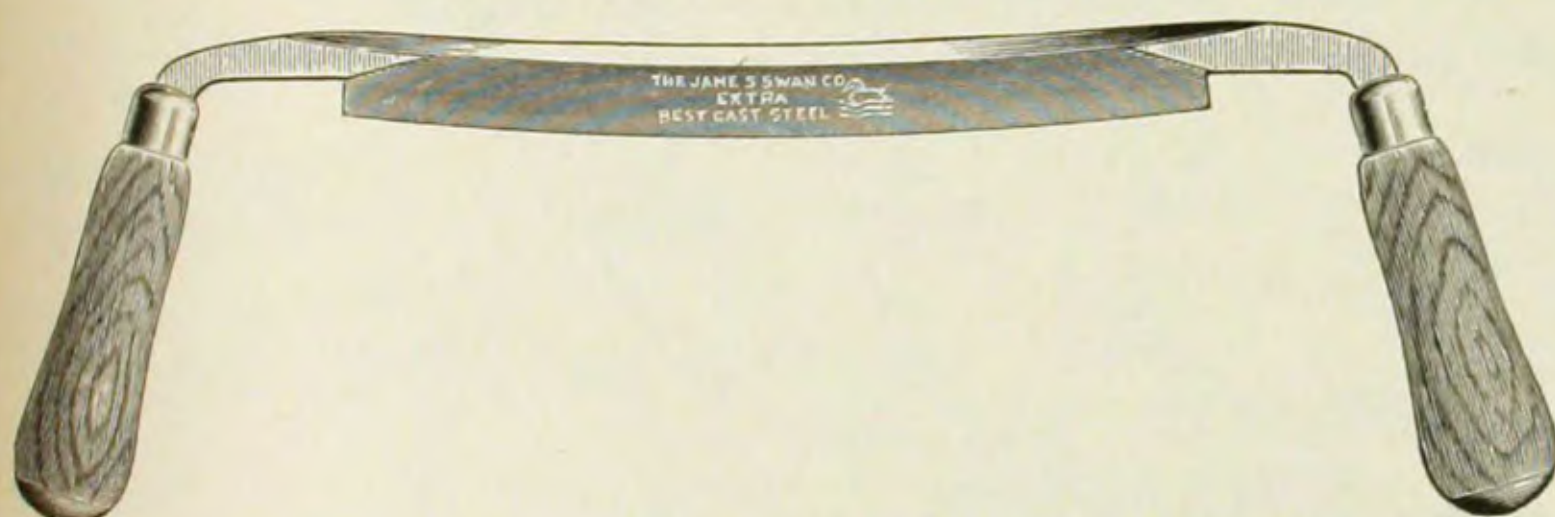
Size, inches,	6	7	8	9
Per dozen,	\$16.00	17.00	18.00	19.00
Size, inches,	10	11	12	13
Per dozen,	\$20.00	21.00	22.00	24.00
Size, inches,	14	15	16	
Per dozen,	\$25.00	26.00	28.00	

Half dozen in a package.

NO. 1 DRAWING KNIVES

(BRASS CAP AND FERRULE)

Same Sizes and Lists as Extra.



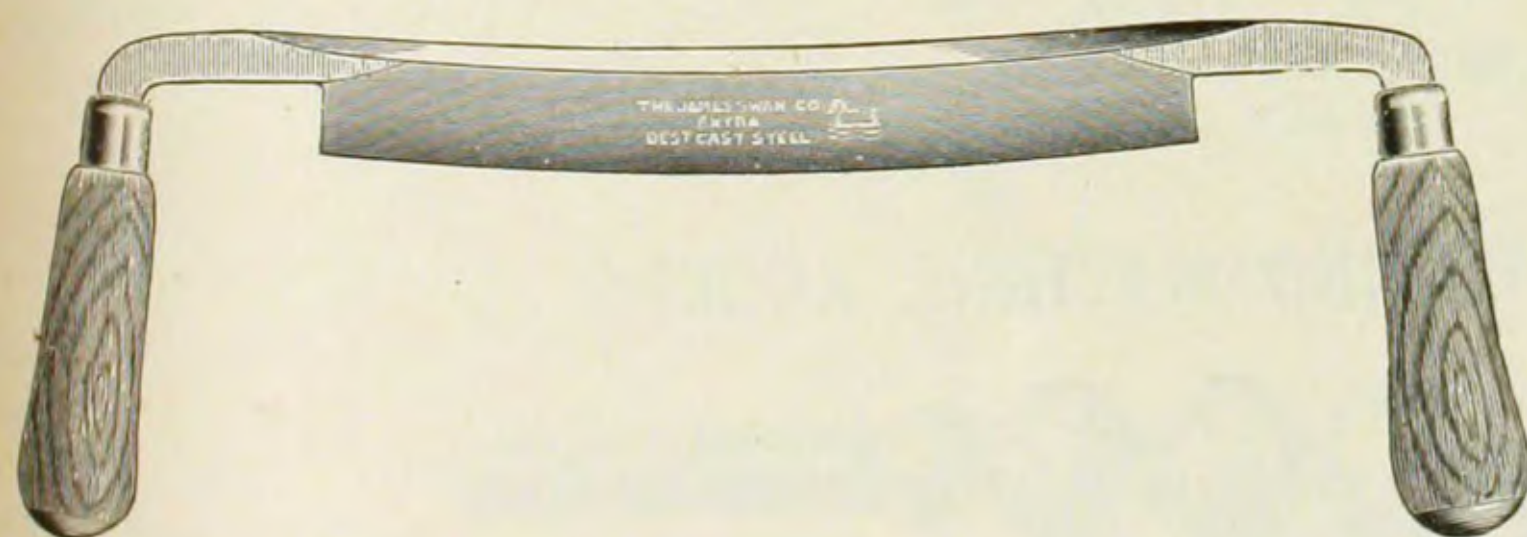
CARRIAGE MAKERS' DRAWING KNIVES

SOLID CAST STEEL BLADES

(BRASS CAP AND FERRULE)

Size, inches,	6	7	8	9
Per dozen,	\$18.00	19.00	20.00	21.00
Size, inches,	10	11	12	
Per dozen,	\$22.00	23.50	26.00	

Half dozen in a package.



WAGON MAKERS' DRAWING KNIVES

(BRASS CAP AND FERRULE)

Size, inches,	6	7	8	9
Per dozen,	\$18.00	19.00	20.00	21.00
Size, inches,	10	11	12	
Per dozen,	\$22.00	23.50	26.00	

Half dozen in a package.



SHINGLE KNIVES

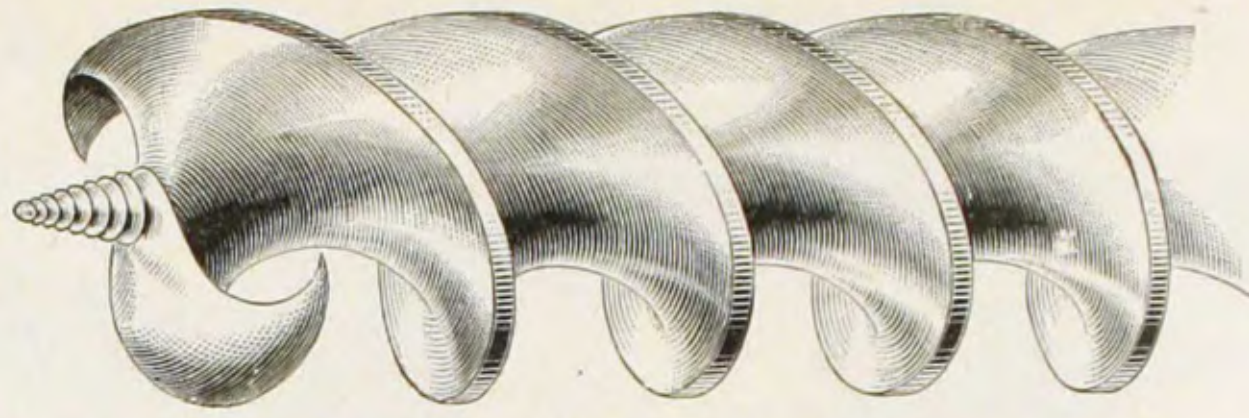
(BRASS CAP AND FERRULE)

Size, inches,	10	12
Per dozen,	\$23.00	25.00
Size, inches,	14	16
Per dozen,	\$30.00	35.00

Half dozen in a package.



COOK'S PATENT AUGERS AND BITS



Particular attention is called to the improvement in the form of the lip of these goods.

COOK'S CAST STEEL CARPENTERS' AUGERS

Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Per dozen,	\$6.00	6.00	7.50	9.00	10.50	12.00	13.50
Size, inches,	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen,	\$15.00	16.50	18.00	19.50	21.00	22.50	24.00

Half dozen in a box.

ASSORTED IN SETS

Quarters (with Rosewood Handles),	41	28
Per set,	\$14.50	10.50

One set in a wooden box.

COOK'S CAST STEEL MILLWRIGHTS' AUGERS

Twist, 14 inches. Length over all, 33 inches. With Brass Nuts.

Size, inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Per dozen,	\$12.00	15.00	18.00	21.00	24.00	28.00	30.00
Size, inches,	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	2
Per dozen,	\$36.00	36.00	42.00	42.00	48.00	48.00	48.00

Quarter dozen in a package.

ASSORTED IN SETS

Quarters (with Rosewood Handles),	41	28
Per set,	\$22.50	16.00

Extra Black Walnut Cases, in sets, $\frac{1}{2}$ to 2, 41 quarters, with Handles complete, \$25.00.
One set in a wooden box.

COOK'S BORING MACHINE AUGERS



Size, inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Per dozen,	\$7.50	9.00	11.00	12.75	14.75	16.50	18.00
Size, inches,	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	2
Per dozen,	\$21.50	21.50	24.00	24.00	28.50	28.50	28.50

Quarter dozen in a package.

ASSORTED IN SETS

Quarters,	41	23	18
Per set,	\$12.50	7.00	5.50

One set in a package.



COOK'S RING AUGERS



Size, inches, Per dozen,	$\frac{1}{2}$ \$7.00	$\frac{5}{8}$ 8.50	$\frac{3}{4}$ 10.00	$\frac{7}{8}$ 11.50	1 13.00
Size, inches, Per dozen,	$1\frac{1}{8}$ \$14.50	$1\frac{1}{4}$ 16.00	$1\frac{3}{8}$ 17.50	$1\frac{1}{2}$ 19.00	$1\frac{5}{8}$ 20.50
Size, inches, Per dozen,			$1\frac{3}{4}$ \$22.00	$1\frac{7}{8}$ 23.50	2 25.00

$\frac{1}{2}$ to 1 inch, half dozen in a package; $1\frac{1}{8}$ to 2 inches, quarter dozen.

ASSORTED IN SETS

Quarters, Per set,	41 \$14.00	28 11.00
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One set in a wooden box.

COOK'S CAST STEEL AUGER BITS



Size, 16ths, Per dozen,	3 \$4.00	4 4.00	5 4.25	6 4.50	7 5.00	8 5.50	9 6.00	10 6.60
Size, 16ths, Per dozen,	11 \$7.20	12 8.00	13 8.75	14 9.25	15 10.00	16 10.75	17 11.50	18 12.25
Size, 16ths, Per dozen,	19 \$12.75	20 13.50	22 14.50	24 15.50	26 17.00	28 18.50	30 20.00	32 22.00

3 to 6 16ths, Single Twist, all other sizes Double Twist.
3 to 16 16ths, half dozen in a wooden box.
17 to 32 16ths, one-third dozen in a wooden box.

ASSORTED IN SETS

Size, 16ths, Quarters, Per set,	4 to 16 32 $\frac{1}{2}$ \$7.50	4 to 12 24 6.00	4 to 12 21 5.50
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One set in a wooden box.

COOK'S CAST STEEL CAR BITS

12-INCH TWIST

Size, 16ths, Per dozen,	4 \$6.50	5 6.50	6 7.50	7 9.00	8 10.25	9 11.25	10 12.75
Size, 16ths, Per dozen,		11 \$13.25	12 15.50	13 16.50	14 17.75	15 18.75	16 20.50

Half dozen in a box.

ASSORTED IN SETS

Quarters, Per set,	32 $\frac{1}{2}$ \$14.00	24 10.50	21 9.50
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One set in a box.



COOK'S PLUG AND SUGAR BITS



Size, 16ths,	3	4	5	6	7	8
Per dozen,	\$4.00	4.00	4.25	4.50	5.00	5.50
Size, 16ths,	9	10	11	12	13	14
Per dozen,	\$6.00	6.60	7.20	8.00	8.75	9.25
Size, 16ths,	15	16	17	18	19	20
Per dozen,	\$10.00	10.75	11.50	12.25	12.75	13.50
Size, 16ths,	22	24	26	28	30	32
Per dozen,	\$14.50	15.50	17.00	18.50	20.00	22.00

4 to 11 16ths, one dozen in a box; 12 to 32 16ths, half dozen.

COOK'S DOWEL BITS

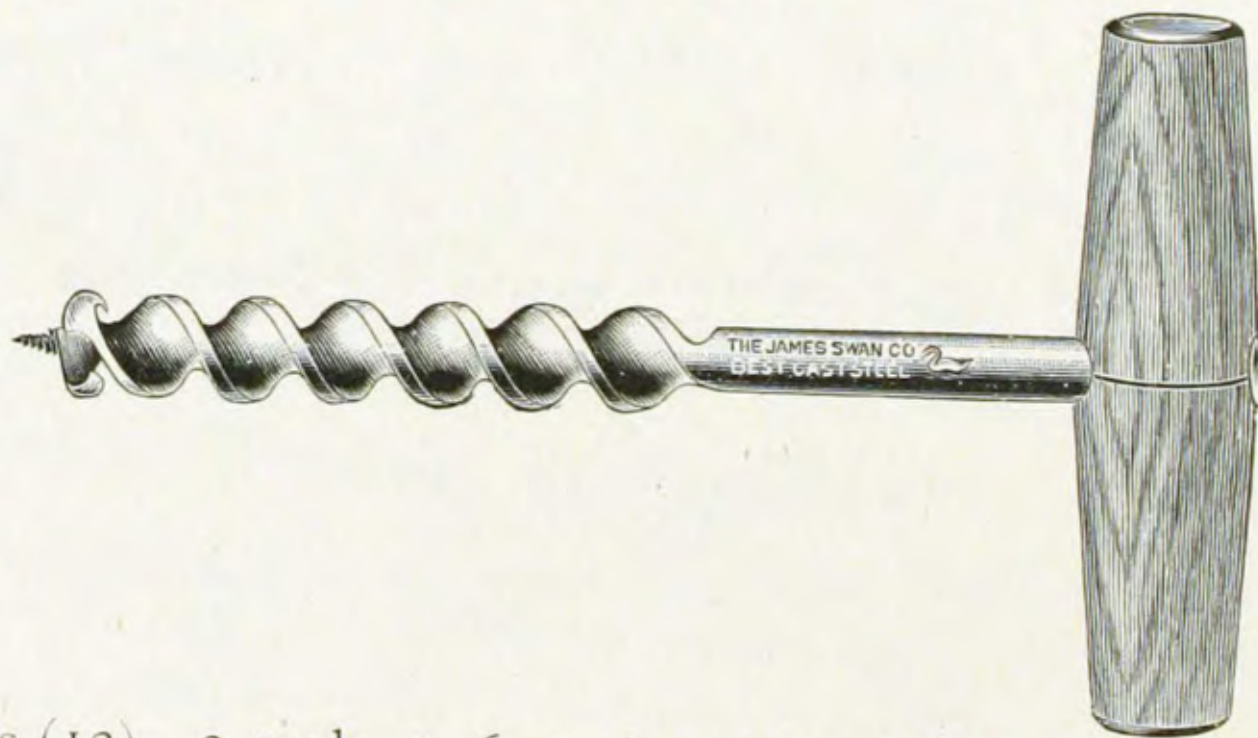


Full size cut of 5-16.

Size, 16ths,	4	5	6	7	8	9	10
Per dozen,	\$3.75	4.00	4.25	4.50	5.00	5.50	6.25

One dozen in a box.

COOK'S HANDLED AUGER BITS



Assorted, 4 to 8 16ths (12)—2 each, 5, 6, 7, 8; 4 of 4 16ths,	per dozen, \$4.75
“ 4 to 12 16ths (12)—2 each, 4, 5, 6, 7, 8; 1 each, 10 and 12 16ths,	“ “ 5.25

One dozen in a box.

Cook's Handled Auger Bits in separate sizes, same List as Auger Bits.

COOK'S PATENT CAST STEEL MACHINE BITS

6 INCH TWIST, Shank $\frac{1}{2}$ inch diameter, 2 inches long.

3, 4, 9, and 12 inch Twist made to order. Prices on application.

Size, 16ths,	4	5	6	7	8	9	10	11	12
Per dozen, \$4.50	5.10	5.70	6.60	7.20	7.80	8.40	9.15	9.90	
Size, 16ths,	13	14	15	16	17	18	19	20	
Per dozen,	\$10.80	11.70	12.60	13.50	14.40	15.30	16.20	17.10	
Size, 16ths,	21	22	23	24	26	28	30	32	
Per dozen,	\$18.00	18.90	19.80	20.70	22.50	24.30	26.10	27.90	

4 to 16 16ths, half dozen in a box.
17 to 32 16ths, quarter dozen in a box.



SWAN'S JENNINGS' PATTERN AUGER BITS



Size, 16ths, Per dozen,	3	4	5	6	7	8	9	10	11
	\$3.40	3.00	3.40	3.80	4.40	4.80	5.20	5.60	6.10
Size, 16ths, Per dozen,	12	13	14	15	16	17	18	19	20
	\$6.60	7.20	7.80	8.40	9.00	9.60	10.20	10.80	11.40
Size, 16ths, Per dozen,	21	22	23	24	26	28	30	32	
	\$12.00	12.60	13.20	13.80	15.00	16.20	17.40	18.60	

3 to 16 16ths, half dozen in a wooden box; 17 to 32 16ths, one-third dozen.

ASSORTED IN SETS

32 1/2 Quarters—1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16,
24 Quarters—1 each, 4, 5, 6, 7, 9, 11, and 12; 2 each, 6, 8, and 10,
One set in a box.

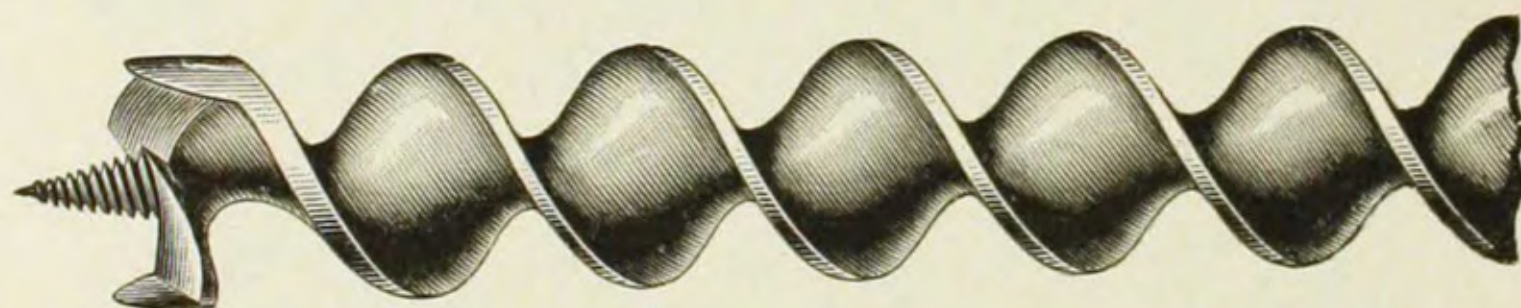
per set, \$6.25
" " 4.75

SWAN'S JENNINGS' PATTERN AUGER BITS

WITH BLACK LIP. SAME LIST AS EXTRA BITS

Also furnished in Millimeter sizes when so specified.

SWAN'S JENNINGS' PATTERN CAR BITS



12-INCH TWIST

Size, 16ths, Per dozen,	4	5	6	7	8	9	10	11	12	13	14	15	16
	\$6.00	6.80	7.60	8.80	9.60	10.40	11.20	12.20	13.20	14.40	15.60	16.80	18.00

Half dozen in a box.

ASSORTED IN SETS

Quarters, 32 1/2, per set, \$12.50; 24, per set, \$9.50
One set in a box.

SWAN'S JENNINGS' PATTERN CAST STEEL MACHINE BITS

6 INCH TWIST, Shank 1/2 inch diameter, 2 inches long.

3, 4, 9, and 12 inch Twist made to order. Prices on application.

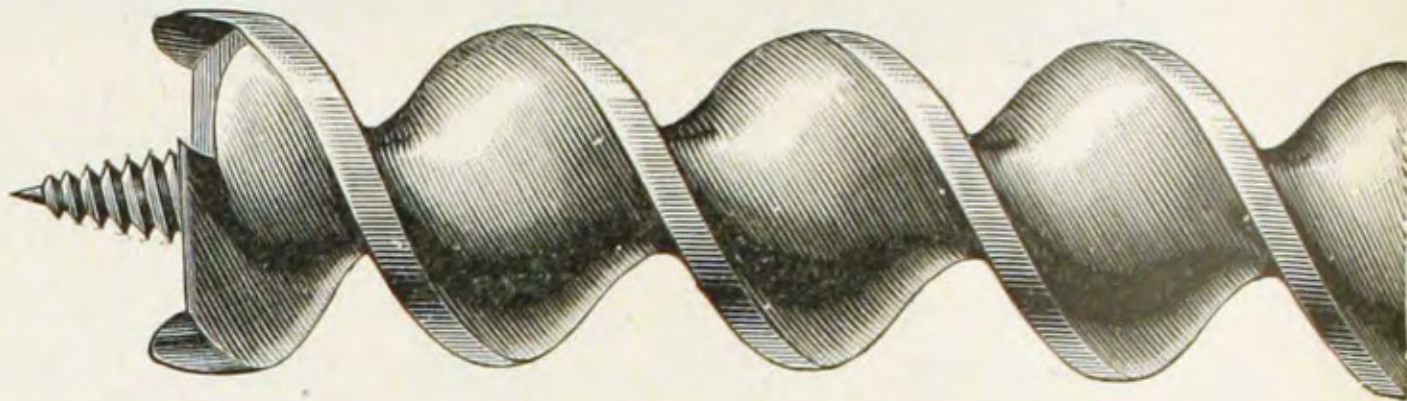
Size, 16ths, Per dozen,	4	5	6	7	8	9	10	11	12
	\$4.50	5.10	5.70	6.60	7.20	7.80	8.40	9.15	9.90
Size, 16ths, Per dozen,	13	14	15	16	17	18	19	20	
	\$10.80	11.70	12.60	13.50	14.40	15.30	16.20	17.10	
Size, 16ths, Per dozen,	21	22	23	24	26	28	30	32	
	\$18.00	18.90	19.80	20.70	22.50	24.30	26.10	27.90	

4 to 16 16ths, half dozen in a box; 17 to 32 16ths, quarter dozen.



NO. 7 PERFECT AUGER BITS

PATENTED IN ENGLAND, DECEMBER 6, 1883.
PATENTED IN UNITED STATES, DECEMBER 25, 1883.



Made with concave spur by improved and patented machinery, insuring exactness of sizes and ease and rapidity in boring, either in hard or soft wood.

Size, 16ths,	3	4	5	6	7	8	9	10	11
Per dozen,	\$4.00	3.50	3.50	3.75	3.75	4.00	4.25	4.50	5.00
Size, 16ths,	12	13	14	15	16	18	20	22	24
Per dozen,	\$5.50	6.00	6.50	7.25	8.00	10.00	11.00	12.00	14.00

3 to 16 16ths, half dozen in a wooden box; 18 to 24 16ths, one-third dozen.

ASSORTED IN SETS

Quarters,	21	24	32 1/2
Per set,	\$3.80	4.25	5.75

One set in a wooden box.

NO. 7 PERFECT CAR BITS

12-INCH TWIST

Size, 16ths,	4	5	6	7	8	9	10	11	12	13	14	15	16
Per dozen,	\$6.50	6.50	7.50	9.00	10.25	11.25	12.75	13.25	15.50	16.50	17.75	18.75	20.50

Half dozen in a box.

ASSORTED IN SETS

Quarters,	21	24	32 1/2
Per set,	\$9.50	10.50	14.00

One set in a box.

NO. 7 PERFECT AUGERS

WITH BRASS NUTS

Size, inches,	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
Per dozen,	\$6.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	15.00	18.00	22.00

Half dozen in a box.

NO. 7 PERFECT BORING MACHINE AUGERS

Size, inches,	1/4	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
Per dozen,	\$10.00	10.00	10.00	10.00	10.00	12.00	13.00	14.00	17.00	20.00	24.00

Quarter dozen in a package.

ASSORTED IN SETS

18 Quarters—1, 1 1/2, and 2 inches,	per set, \$4.60
23 Quarters—1, 1 1/4, 1 1/2, and 2 inches,	" " 5.70
28 Quarters—1/2, 3/4, 1, 1 1/4, 1 1/2, and 2 inches,	" " 7.25
41 Quarters—1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, and 2 inches,	" " 10.60

One set in a package.



SHORT RING AUGERS, BLACK LIP



Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$
Per dozen,	\$8.50	8.50	9.50	10.50	11.50	12.50	13.50	14.50	17.50
Size, inches,	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4
Per dozen,	\$17.50	20.50	20.50	24.50	42.50	52.50	74.50	94.50	124.50

To 1 inch, half dozen in a package; larger, quarter dozen.

LONG RING AUGERS, BLACK LIP



Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen,	\$9.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	18.00	18.00
Size, inches,	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	
Per dozen,	\$21.00	21.00	25.00	25.00	43.00	53.00	75.00	95.00	125.00	
Size, 16ths,				5	7	9	11	13	15	
Per dozen,				\$9.00	9.00	10.00	11.00	12.00	13.00	

To 1 inch, half dozen in a package; larger, quarter dozen.

LONG RING CAST STEEL BRIGHT LIP OR CUBAN AUGERS



Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per dozen,	\$10.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	
Size, inches,	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$	
Per dozen,	\$19.00	19.00	22.00	22.00	26.00	26.00	44.00	44.00	
Size, inches,		$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4	
Per dozen,		\$54.00	66.00	76.00	86.00	69.00	106.00	126.00	
Size, 16ths,			5	7	9	11	13	15	
Per dozen,			\$10.00	10.00	11.00	12.00	13.00	14.00	

To 1 inch, half dozen in a package; larger, quarter dozen.

CAST STEEL MILLWRIGHTS' AUGERS



14 INCH TWIST, 33 inches long, Solid Steel, Brass Nuts.						
Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$1\frac{1}{8}$	$\frac{3}{4}$
Per dozen,	\$12.00	12.00	15.00	15.00	18.00	18.00
Size, inches,	$1\frac{3}{8}$	$\frac{7}{8}$	$1\frac{1}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Per dozen,	\$21.00	21.00	24.00	24.00	26.00	30.00
Size, inches,		$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen,		\$36.00	38.50	42.00	45.00	48.00

Quarter dozen in a package.

ASSORTED IN SETS

28 Quarters— $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2,

per set, \$18.00

41 Quarters— $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,

" " 24.00

Millwrights' Augers, with Rings, furnished to order at an advance of \$1.50 on List Prices.

RAFTING AUGERS



Size, inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$	4
Per dozen,	\$27.00	30.00	36.00	42.00	60.00	70.00	85.00	100.00	120.00	140.00

Quarter dozen in a package.



EXTRA CAST STEEL AUGERS



Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Per dozen,	\$6.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	15.00	18.00
Size, inches,		2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4
Per dozen,		\$22.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	120.00

$\frac{3}{8}$ to 2 inches, half dozen in a box; $2\frac{1}{4}$ to 4 inches, quarter dozen in a package.

ASSORTED IN SETS

41 Quarters— $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2,
28 Quarters— $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2,

per set, \$9.25
" " 6.25

NO. 1, CAST STEEL AUGERS



Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Per dozen,	\$6.00	6.00	7.00	8.00	9.00	10.00	11.00
Size, inches,		$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2
Per dozen,		\$12.00	15.00	15.00	18.00	18.00	22.00

Half dozen in a box.

CAST STEEL BORING MACHINE AUGERS



Size, inches,	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$10.00	10.00	10.00	10.00	10.00	10.00	12.00
Size, inches,		$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,		\$13.00	14.00	16.00	17.00	20.00	24.00

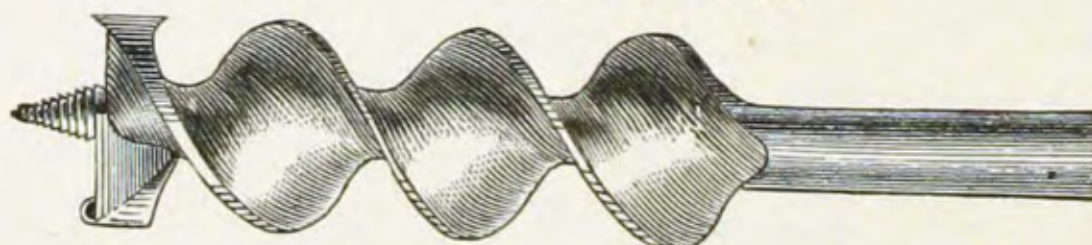
Quarter dozen in a package.

ASSORTED IN SETS

Quarters,	18	23	28	41
Per set,	\$4.60	5.70	7.25	10.60

One set in a package.

POST AUGERS



Size, inches,	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3
Per dozen,	\$20.00	24.00	30.00	40.00

SUPERIOR GAS FITTERS' AUGERS



Size, inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$8.25	10.00	11.00	13.75	15.50
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	17.75	17.75	20.00	23.00	26.50

Quarter dozen in a package.



EXTRA CAST STEEL BITS



Size, 16ths,	3	4	5	6	7	8	9	10
Per dozen,	\$4.00	3.50	3.50	3.75	3.75	4.00	4.25	4.50
Size, 16ths,	11	12	13	14	15	16	17	18
Per dozen,	\$5.00	5.50	6.00	6.50	7.25	8.00	9.00	10.00
Size, 16ths,		20	22	24	26	28	30	32
Per dozen,		\$11.00	12.00	14.00	15.00	16.00	18.00	20.00

3 to 11 16ths, one dozen in a box; 12 to 16 16ths, half dozen; 17 to 32 16ths, one-third dozen.

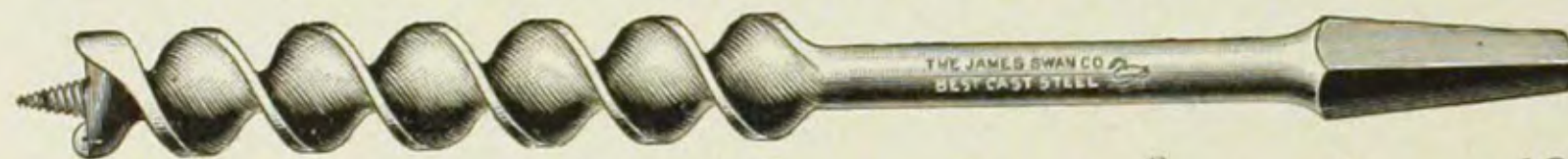
ASSORTED IN SETS

Sizes, 16ths,	4	5	6	7	8	9	10	11	12	13	14	15	16	per set, \$5.75
32 1/2 Quarters,	1	1	1	1	1	1	1	1	1	1	1	1	1	" " 4.25
24 "	1	1	2	1	2	1	2	1	1					" " 3.80
21 "	2	1	1	1	2	1	1	1	1					" " 3.95
21 "	1	1	3	3	2	1	1		1		1		1	" " 3.70
20 1/2 "	1	1	1	1	1		1		1					" " 3.25
18 "	1	1	1	1	1	1	1	1	1				1	" " 2.50
14 "	1		1		1		1		1					

One set in a box.

Also furnished in Millimeter sizes when so specified.

NO. 1 CAST STEEL BITS



Size, 16ths,	3	4	5	6	7	8	9	10	11	12
Per dozen,	\$4.00	3.50	3.50	3.75	3.75	4.00	4.25	4.50	5.00	5.50
Size, 16ths,	13	14	15	16	18	20	22	24		
Per dozen,	\$6.00	6.50	7.25	8.00	10.00	11.00	12.00	14.00		

ASSORTED IN SETS

Same as Extra Bits above.

3 to 11 16ths, one dozen in a box; 12 to 16 16ths, half dozen; 18 to 24 16ths, one-third dozen.

Sets, one set in a box.

Also furnished in Millimeter sizes when so specified.

EXTRA CAST STEEL CAR BITS



12-INCH TWIST

Size, 16ths,	4	5	6	7	8	9	10
Per dozen,	\$6.50	6.50	7.50	9.00	10.25	11.25	12.75
Size, 16ths,		11	12	13	14	15	16
Per dozen,		\$13.25	15.50	16.50	17.75	18.75	20.50

Half dozen in a box.

ASSORTED IN SETS

Quarters,		32 1/2	24	21
Per set,		\$14.00	10.50	9.50

EXTRA CAST STEEL PLUG AND SUGAR BITS

Same sizes and List Price as Extra Bits.

4 to 11 16ths, one dozen in a box; 12 to 32 16ths, half dozen.

EXTRA CAST STEEL HANDLED AUGER BITS

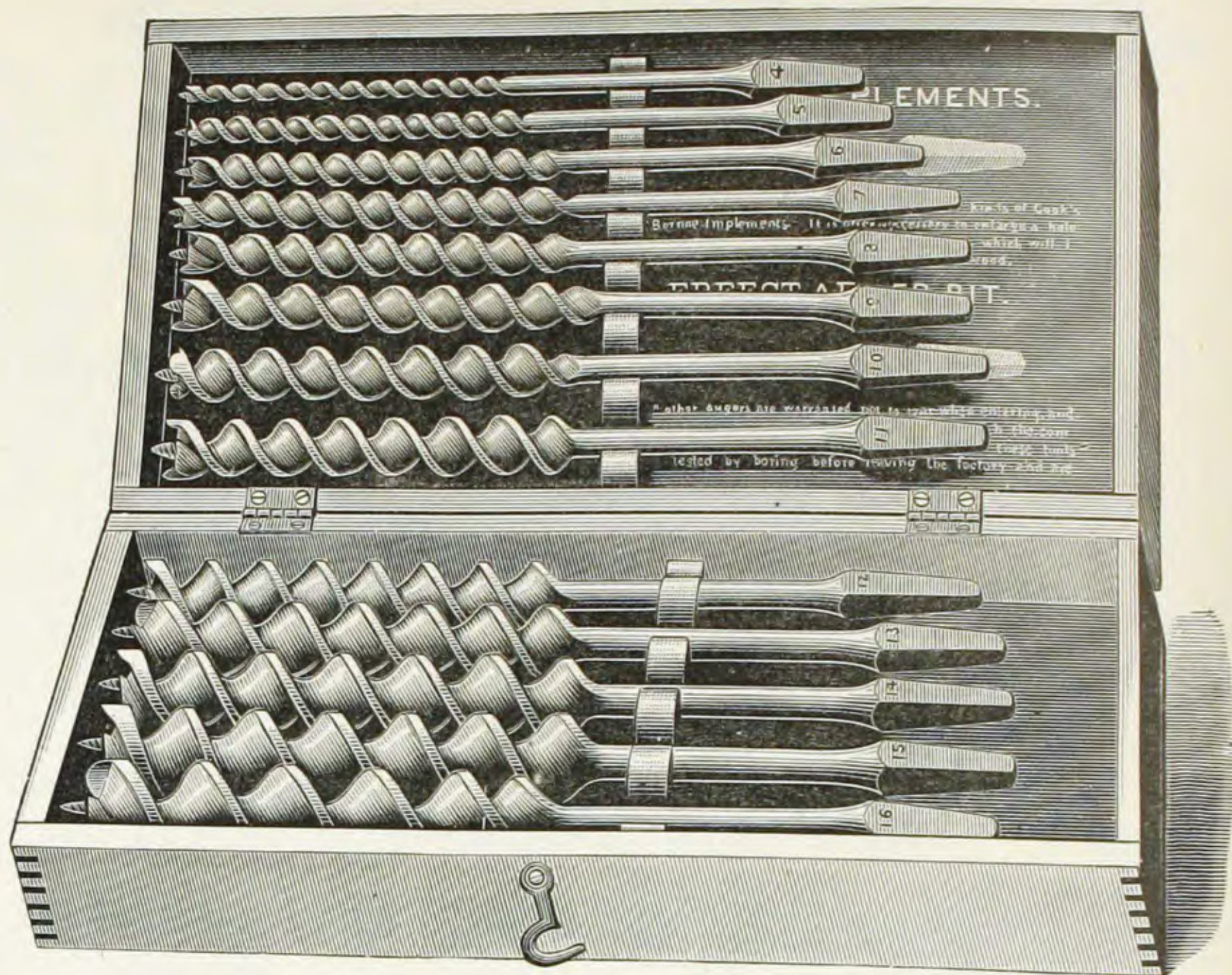
Assorted, 4 to 8 16ths (12)—2 each, 5, 6, 7, 8; 4 of 4 16ths,	per dozen, \$4.00
" 4 to 12 16ths (12)—2 each, 4, 5, 6, 7, 8; 1 each 10, 12 16ths,	" " 4.25

One dozen in a box.

Handled Auger Bits in separate sizes, same List as Extra Bits.



BITS, ASSORTED IN WOODEN BOXES



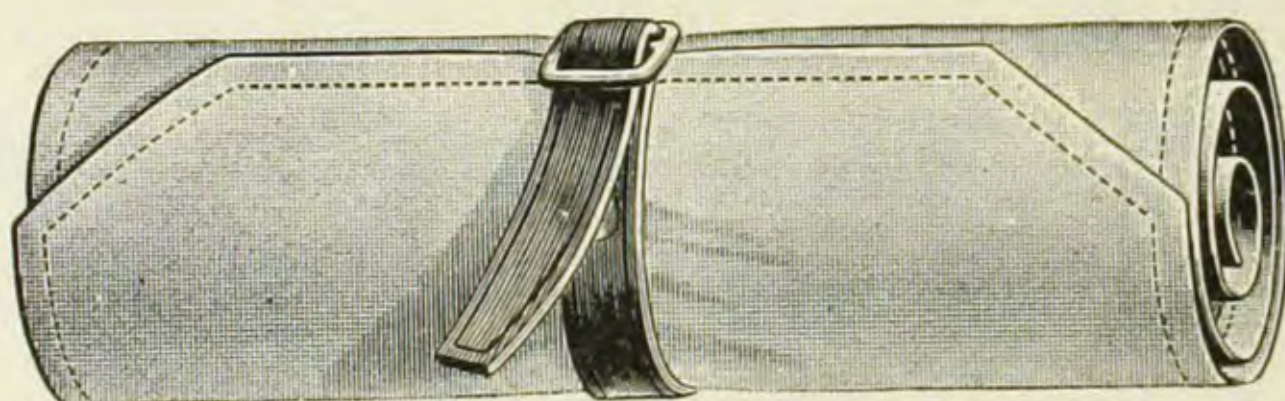
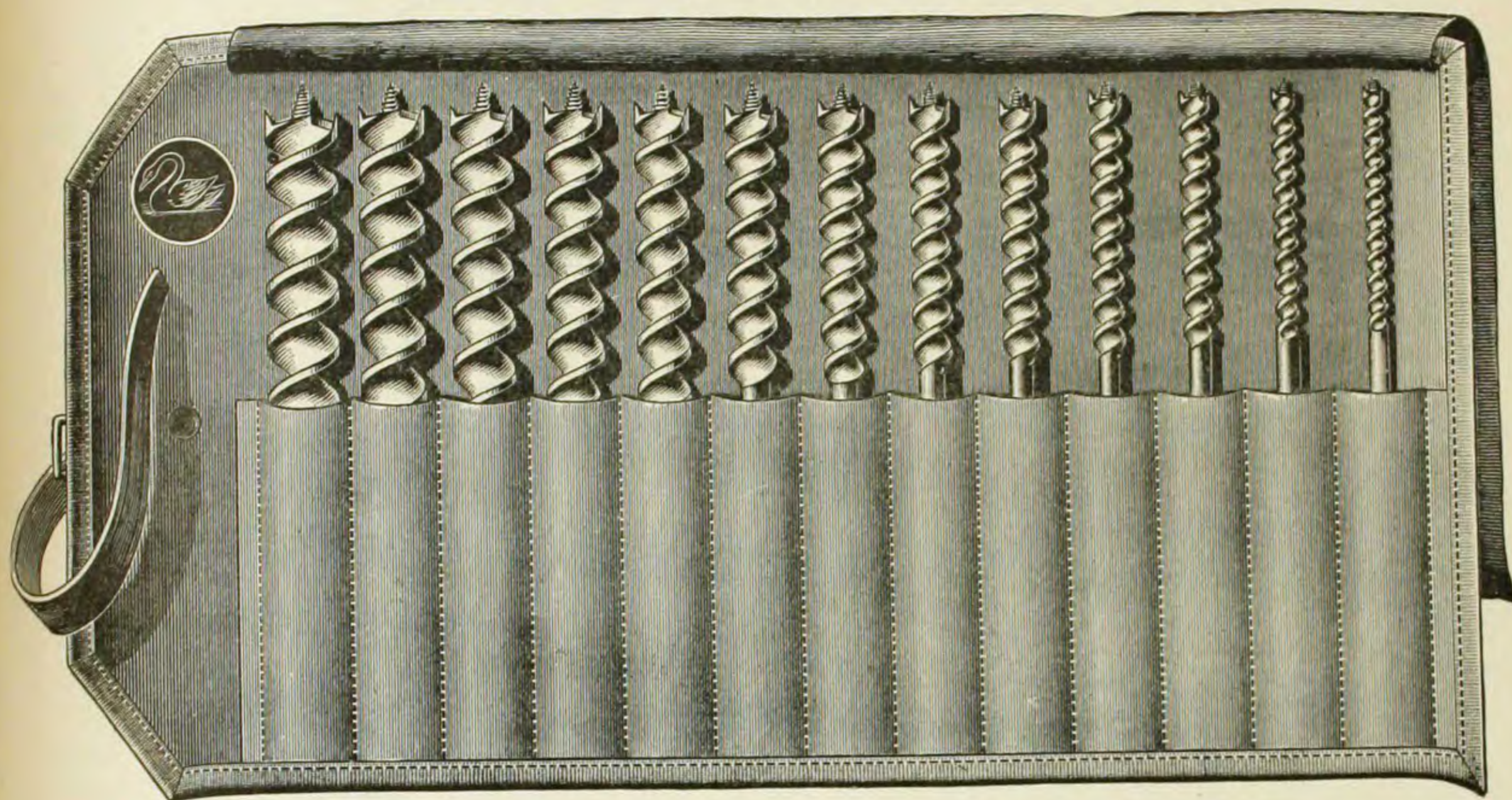
For the convenience of Mechanics and Wood-workers we are now packing our Auger Bits in boxes as above illustrated. These boxes are made of hard wood, with patented spring racks that hold the Bits securely in their places. The holding springs may be made tighter or looser, as desired.

All of our Auger Bits packed in this manner are carefully selected, and are fully warranted.

No. 32 1/2	Extra Bits, packed in Chestnut Boxes,	13 Bits, Assorted 4 to 16 16ths,	Per set.
No. 20 1/2	" " " " " "	9 Bits, 1 each, 4, 5, 6, 7, 8, 10, 12, 14, 16,	\$3.25
No. 18	" " " " " "	9 Bits, 1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12,	2.50
No. 14	" " " " " "	6 Bits, 1 each, 4, 6, 8, 10, 12, 16,	2.25
No. 13 1/2	No. 1 Bits, " " " "	13 Bits, Assorted 4 to 16 16ths,	2.00
No. 12 1/2	" " " " " "	9 Bits, 1 each, 4, 5, 6, 7, 8, 10, 12, 14, 16,	3.00
No. 11 1/2	" " " " " "	9 Bits, 1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12,	2.25
No. 11 1/4	" " " " " "	6 Bits, 1 each, 4, 6, 8, 10, 12, 16,	2.00
No. 7 3/2	No. 7 Perfect Bits, packed in Black Walnut Boxes,	13 Bits, Assorted 4 to 16 16ths,	1.75
No. 17 3/2	" " " " " "	Chestnut Boxes, 13 Bits, Assorted 4 to 16 16ths,	4.00
No. 8 3/2	Jennings' Pattern, " " " "	Black Walnut Boxes, 13 Bits, Assorted 4 to 16 16ths,	3.75
No. 18 3/2	" " " " " "	Chestnut Boxes, 13 Bits, Assorted 4 to 16 16ths,	5.00
No. 28 3/2	" " " " " "	Black Lip, packed in Chestnut Boxes, 13 Bits, Assorted 4 to 16 16ths,	4.75
No. 9 3/2	Cook's patent, " " " "	packed in Black Walnut Boxes, 13 Bits, Assorted 4 to 16 16ths,	3.00
No. 19 3/2	" " " " " "	Chestnut Boxes, 13 Bits, Assorted 4 to 16 16ths,	5.00
			4.75



BITS, ASSORTED IN CANVAS ROLLS



Cuts illustrate a Flexible Canvas Roll, open and closed. These rolls are made of heavy, slate colored canvas, properly lined with canton flannel and extra flap. Securely holding each bit in its separate pocket.

It measures, with the bits complete when rolled up, 3×11 inches.

All Auger Bits packed in this manner are carefully selected and fully warranted.

No. 032 1/2	Extra,	13	Bits, 1 each, 4 to 16 16ths,	per set, \$3.25
No. 0132 1/2	No. 1,	13	" 1 " 4 to 16 16ths,	" " 3.00
No. 0832 1/2	Jennings' Pattern,	13	" 1 " 4 to 16 16ths,	" " 5.00
No. 0932 1/2	Cook's Patent,	13	" 1 " 4 to 16 16ths,	" " 5.00

One Roll, complete with bits in a package.



EXTRA CAST STEEL MACHINE BITS



6 INCH TWIST, Shank $\frac{1}{2}$ inch diameter, 2 inches long.
3, 4, 9, and 12 inch Twist made to order. Prices on application.

Size, 16ths, Per dozen,	4	5	6	7	8	9	10	11	12
	\$4.50	5.10	5.70	6.60	7.20	7.80	8.40	9.15	9.90
Size, 16ths, Per dozen,	13	14	15	16	17	18	19	20	
	\$10.80	11.70	12.60	13.50	14.40	15.30	16.20	17.10	
Size, 16ths, Per dozen,	21	22	23	24	26	28	30	32	
	\$18.00	18.90	19.80	20.70	22.50	24.30	26.10	27.90	

4 to 16 16ths, half dozen in a box; 17 to 32 16ths, quarter dozen.

EXTRA CAST STEEL DOWEL BITS

LONG AND SHORT

Size, 16ths, Per dozen,	4	5	6	7	8	9	10
	\$3.50	3.50	3.75	3.75	4.00	4.25	4.50

One dozen in a box.

SWAN'S GERMAN GIMLET BITS



Size, 32ds, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,
Assorted, 4 to 8 32ds,

per dozen, \$1.00
" " 1.00

One dozen in a box.

SWAN'S TWIST DRILLS FOR WOOD



Size, 32ds,	2	3	4	5	6	7	8	9	10	
Per dozen,	\$1.60	1.60	1.60	1.75	2.00	2.50	3.00	3.50	3.50	
Size, 32ds,	11	12	13	14	15	16	17	18	19	20
Per dozen,	\$4.00	4.00	4.50	4.50	5.00	5.00	5.50	5.50	6.00	6.00
Assorted (1 each, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18 32ds),									per set, \$2.75	
One dozen in a wooden box.										

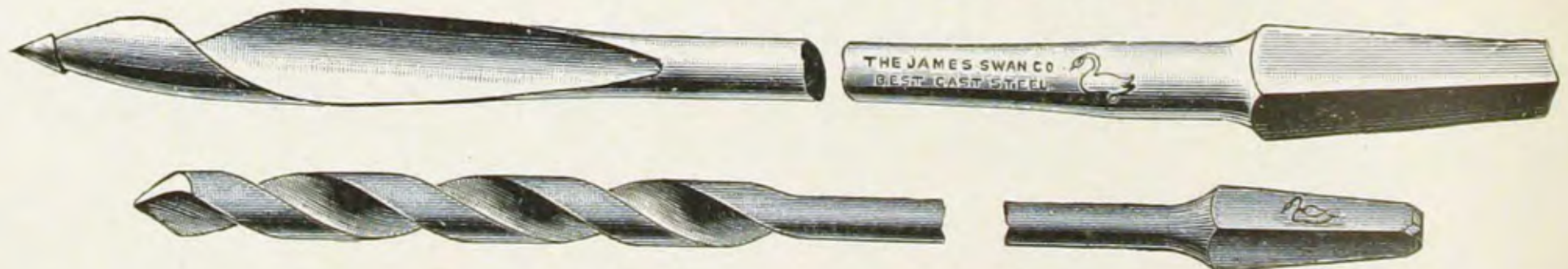
Assorted (1 each, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18 32ds),

per set, \$2.75

One dozen in a wooden box.

EXTRA LENGTH GERMAN BITS AND TWIST DRILLS

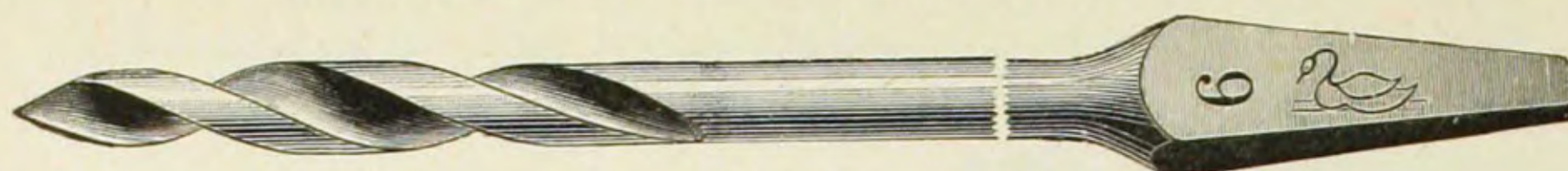
For Bell Hangers, Telephone and Telegraph Work.



Size, 32ds,			6	8	10	12	14	16	18	20
Length, 12 inches,		per dozen,	\$5.00	5.00	5.50	6.00	7.00	8.00	9.00	10.00
" 18 "		" "	7.00	7.00	7.50	8.00	9.00	10.00	11.00	12.00
" 24 "		" "	9.00	9.00	9.50	10.00	11.00	12.00	13.00	14.00
" 30 "		" "	11.00	11.00	12.00	12.00	13.00	14.00	15.00	15.00
" 36 "		" "	13.00	13.00	13.00	13.00	14.00	15.00	16.00	16.00



DOUBLE CUT GIMLETS AND BITS



No. 6



No. 5



No. 4



No. 3



No. 2



No. 1

DOUBLE CUT GIMLET BITS

Nos.	1	2	3	4	5	6	Assorted 1 to 6
Per dozen,	\$1.00	1.12 1/2	1.25	1.37 1/2	1.50	1.62	1.25
	One dozen in a box.			Assorted, three dozen in a box.			

DOUBLE CUT GIMLET, COCOA HEAD

Nos.	1	2	3	4	Assorted 1 to 4
Per gross,	\$7.50	8 50	9.50	10.50	10.00
	One-third gross in a box.				

GIMLET BITS



Without screw, Assorted, Nos. 1 to 6,
With " " Nos. 1 to 6,

Quarter gross in a box.

per gross, \$9.00
" " 7.50

CARRIAGE MAKERS' PLUG CUTTERS



Size, inches, 3/8, 7/16, 1/2, 9/16, 5/8,

Half dozen in a box.

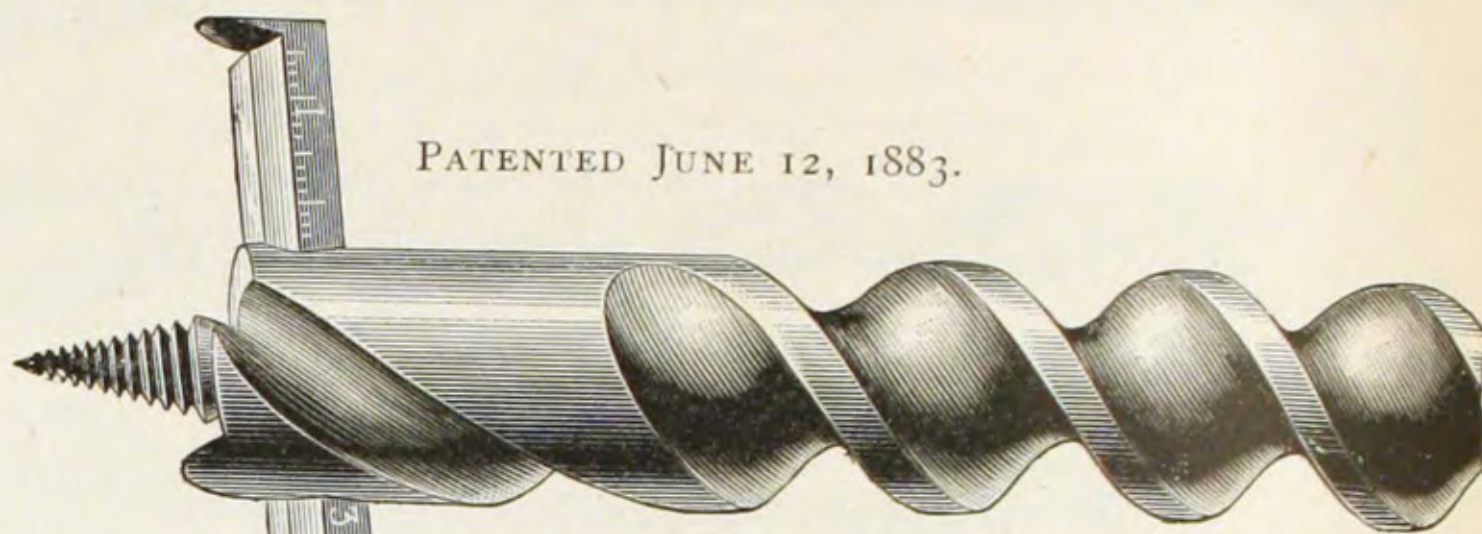
per dozen, \$3.00



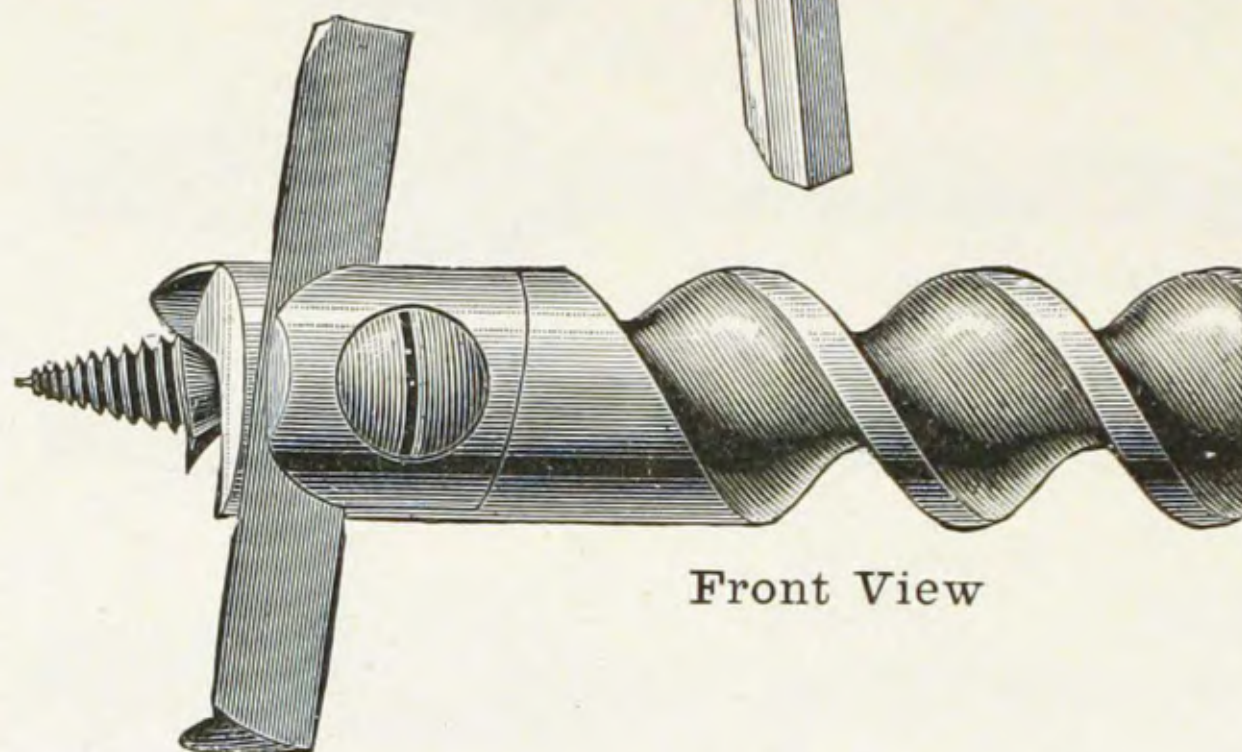
SWAN'S PATENT EXPANSIVE BITS

Rapid Boring, Secure and Exact Adjustment, the only Expansive Bit made with a Twist, taking out a Continuous Chip.

PATENTED JUNE 12, 1883.



Back View



Front View

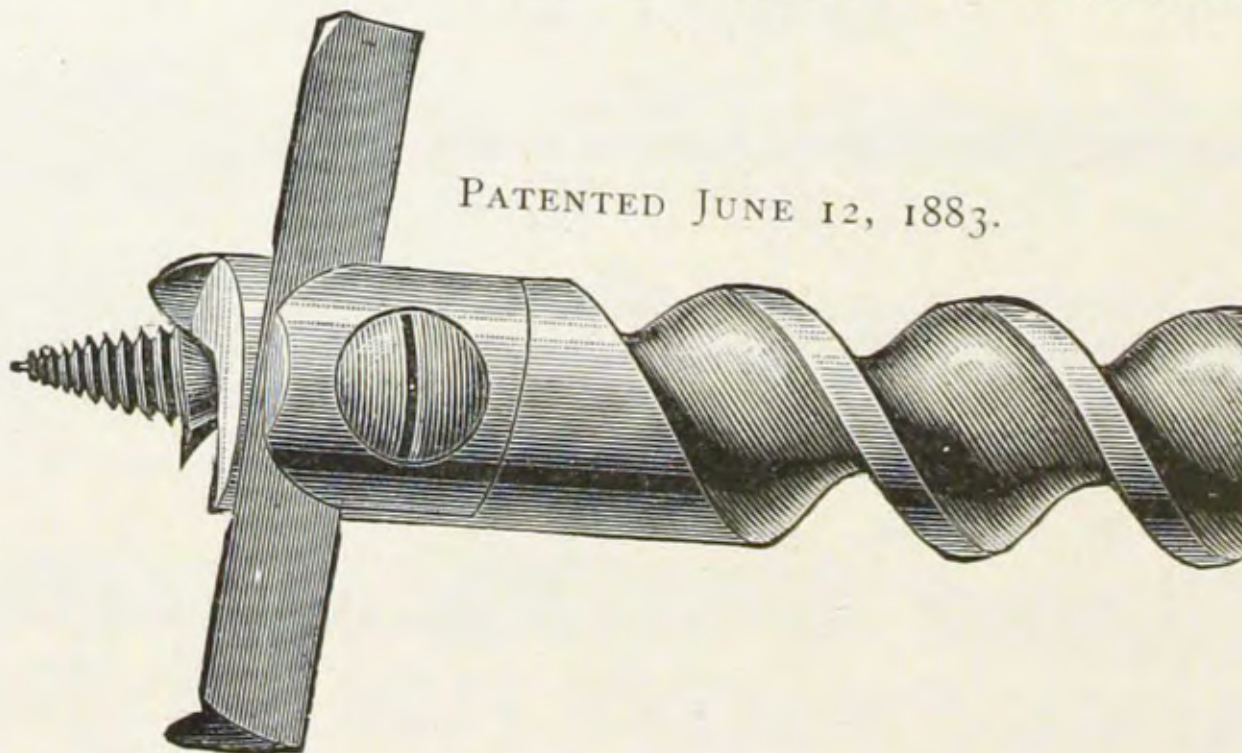
No.	Cutting from	Per dozen.	No.	Cutting from	Per dozen.
1	$\frac{9}{16}$ to $1\frac{1}{2}$ inches,	\$18.00	3	$\frac{5}{8}$ to 3 inches,	\$26.00
2	" " $\frac{9}{16}$ to $2\frac{1}{2}$ "	24.00	4	" " $\frac{3}{4}$ to 4 "	35.00
One in a box.					

EXTRA CUTTERS

No.	Cutting from	Per dozen.	No.	Cutting from	Per dozen.
1	$\frac{5}{8}$ to $1\frac{1}{8}$ inches for No. 1 or 2 Bit,	\$3.00	6	$1\frac{7}{8}$ to 3 inches for No. 3 Bit,	\$6.00
2	$1\frac{1}{8}$ to $1\frac{5}{8}$ " " No. 1 or 2 "	3.75	7	$\frac{3}{4}$ to $1\frac{3}{4}$ " " No. 4 "	5.25
3	$1\frac{5}{8}$ to $2\frac{1}{2}$ " " No. 1 or 2 "	6.00	8	$1\frac{1}{2}$ to $2\frac{1}{2}$ " " No. 4 "	6.00
4	$\frac{3}{4}$ to $1\frac{1}{4}$ " " No. 3 Bit	3.75	9	$2\frac{1}{2}$ to 4 " " No. 4 "	9.00
5	$1\frac{1}{4}$ to $1\frac{7}{8}$ " " No. 3 "	5.25			

SWAN'S PATENT EXPANSIVE BORING MACHINE AUGERS

PATENTED JUNE 12, 1883.



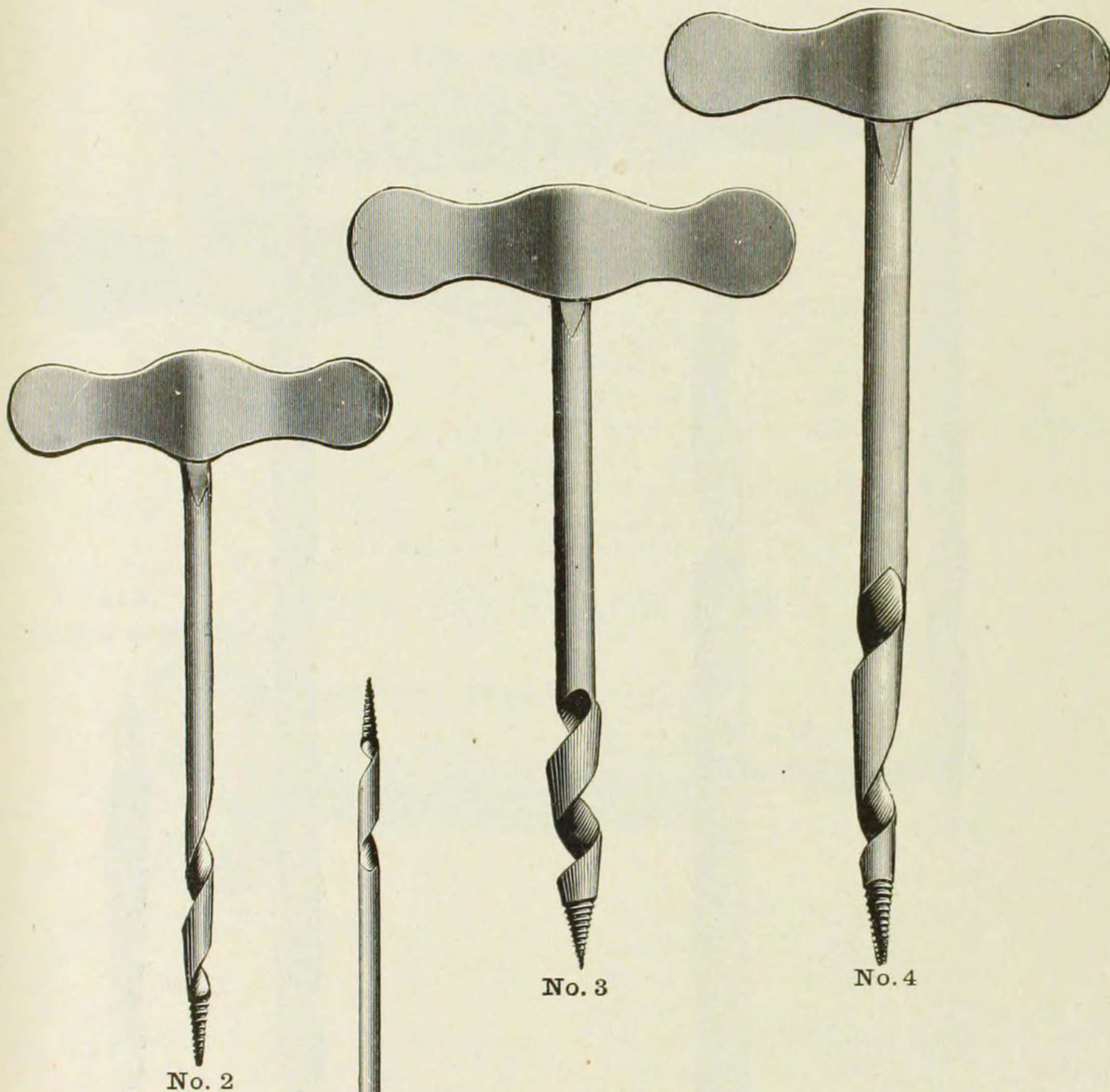
No.	Cutting from	Per dozen.
5	$\frac{3}{4}$ to $2\frac{1}{2}$ inches,	\$40.00
7	$\frac{3}{4}$ to $1\frac{3}{4}$ inches,	\$5.25
8	$1\frac{1}{2}$ to $2\frac{1}{2}$ "	6.00

EXTRA CUTTERS



METAL AND WOOD HEAD GIMLETS

ILLUSTRATIONS, FULL-SIZE



No. 2

No. 3

No. 4



No. 1

NAIL GIMLETS

Metal Head, No. 1 Assorted, per gross, \$4.00
 " " Extra Assorted, " " 4.50

CAST STEEL EXCELSIOR NAIL GIMLETS

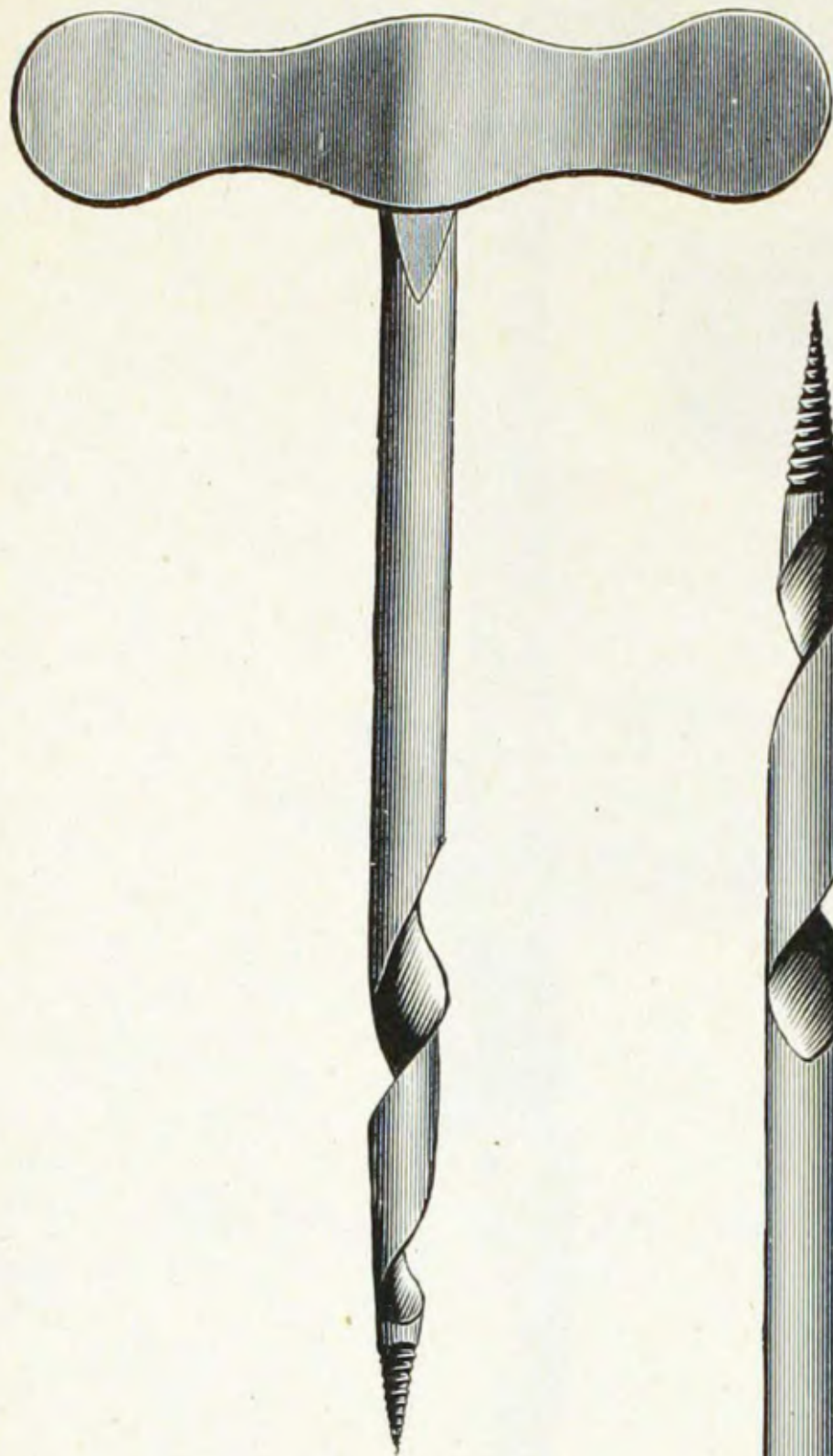
Metal Head, Assorted, Nos. 1, 2, and 3,	per gross, \$4.50
" " " Nos. 2 and 3,	" " 5.00
" " " Nos. 1, 2, 3, and 4,	" " 5.00
" " " Nos. 2, 3, and 4,	" " 6.00
" " " Nos. 3 and 4,	" " 6.00
Cocoa " " Nos. 1, 2, and 3,	" " 4.50
" " " Nos. 1, 2, 3, and 4,	" " 5.00

Half gross in a box.

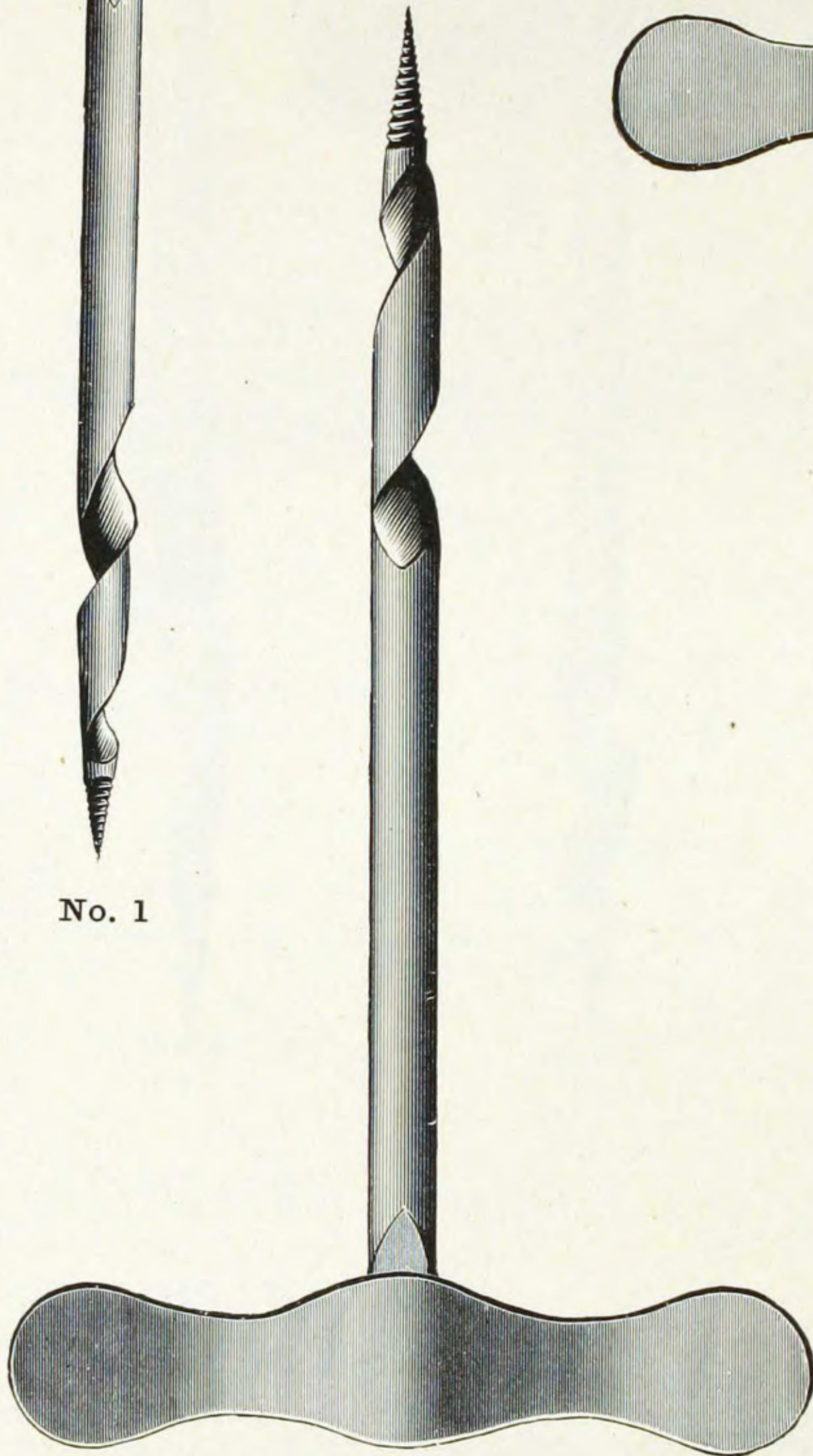


CAST STEEL SPIKE GIMLETS

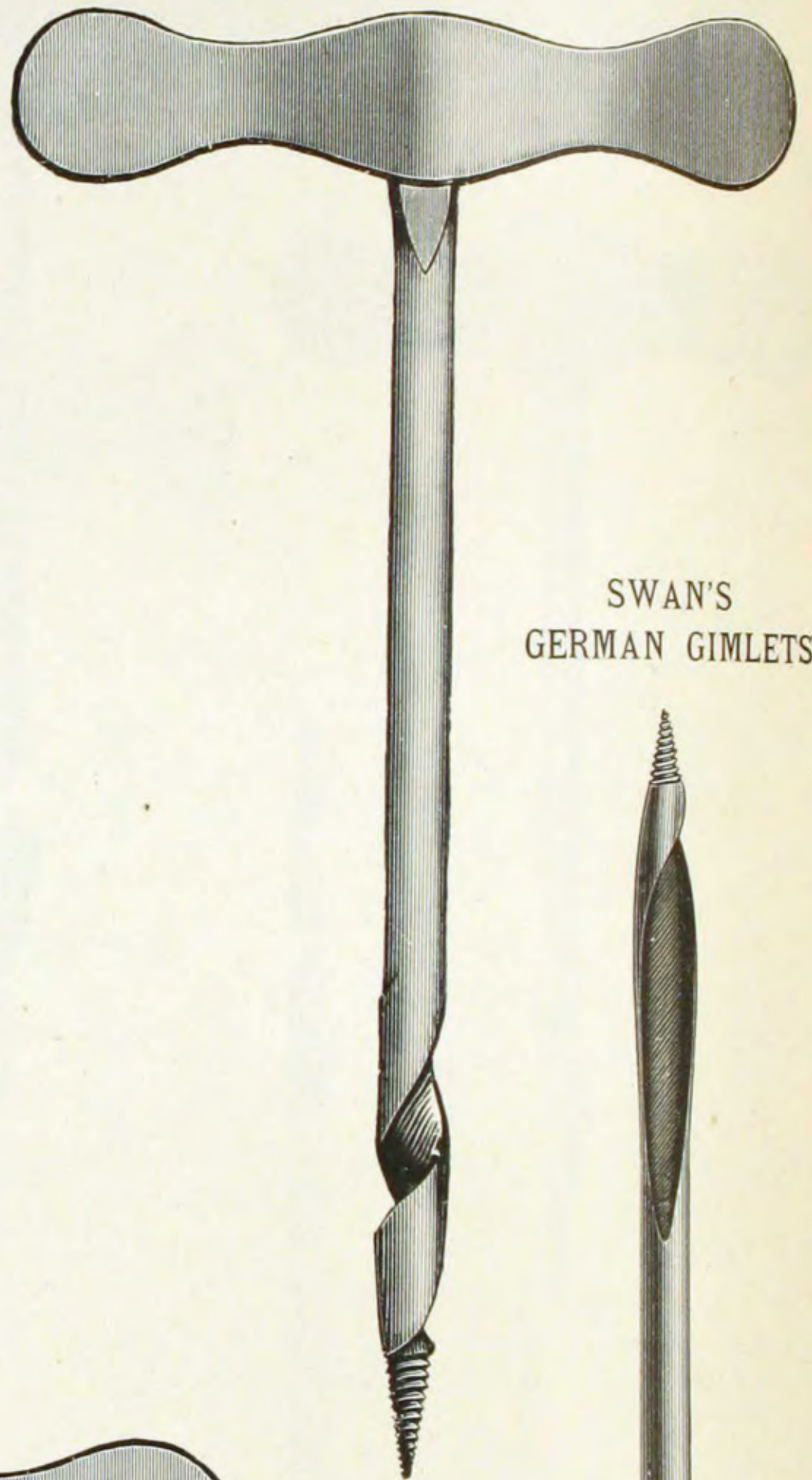
ILLUSTRATIONS, FULL-SIZE



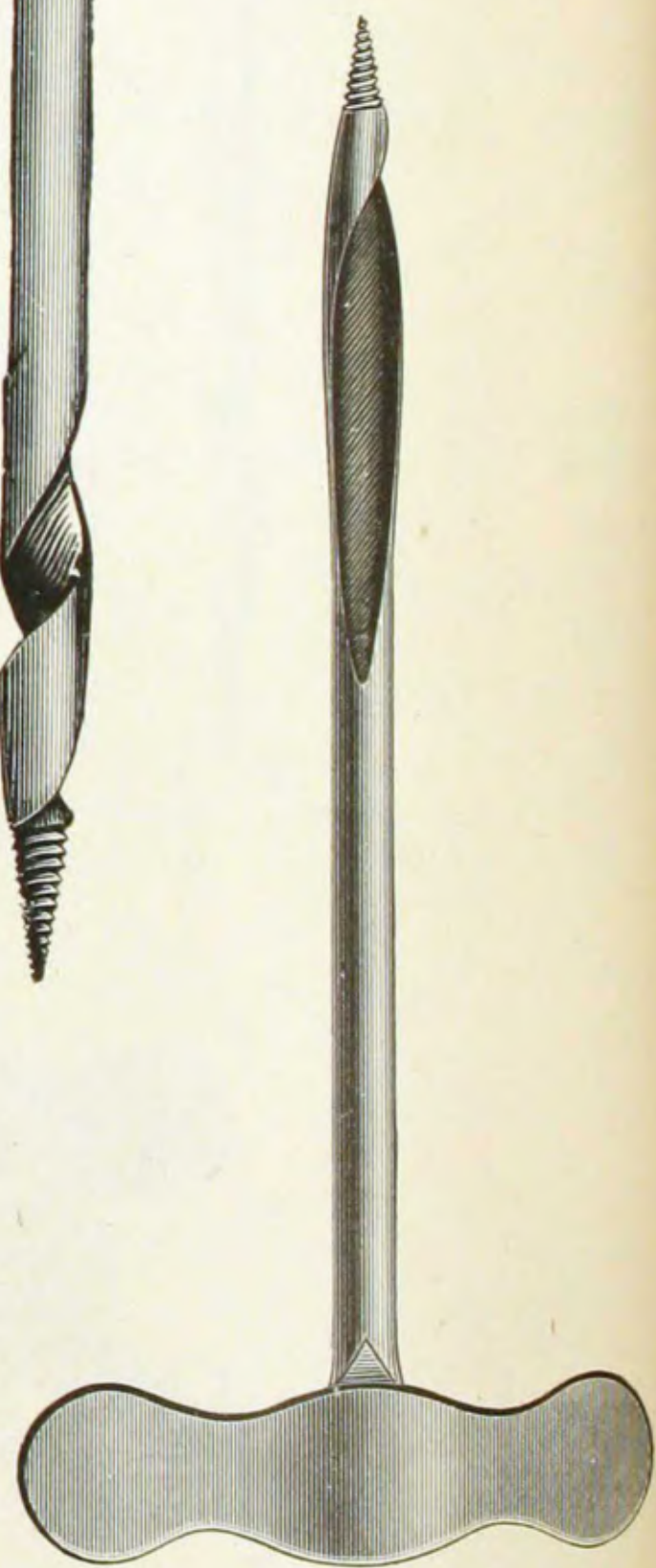
No. 1



No. 3



No. 2

SWAN'S
GERMAN GIMLETS

CAST STEEL SPIKE GIMLETS

Metal Head, No. 1, Assortment,	
" " No. 2, "	
" " No. 3, "	
Cocoa " No. 1, "	
" " No. 2, "	
" " No. 3, "	

Half gross in a box.

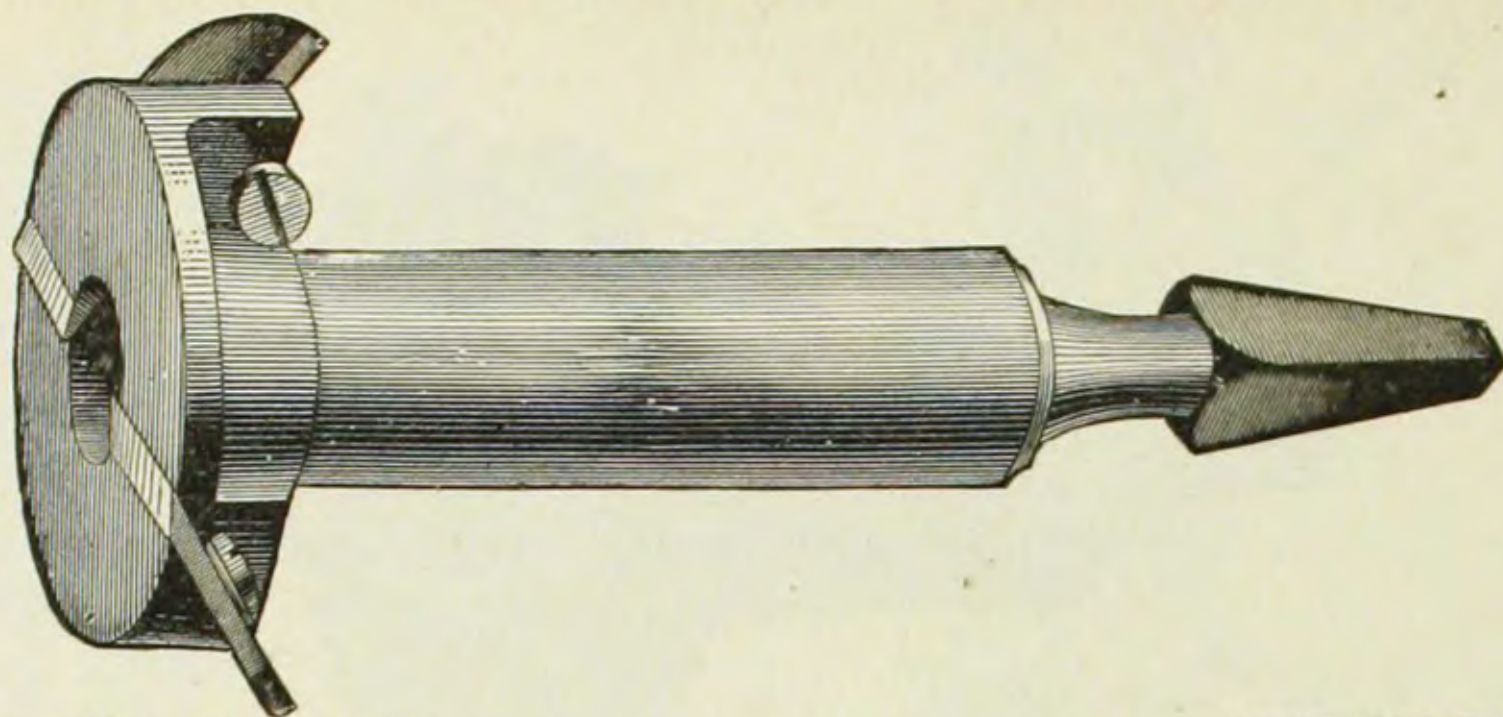
Per gross,
\$8.00
9.00
10.00
8.00
9.00
10.00

Nos. 1, 2, 3, 4,
Assorted,Per gross.
\$9.00
9.00

Quarter gross in a box.



AMES' PATENT IMPROVED HOLLOW AUGERS



WITH COOK'S PATENT BITS

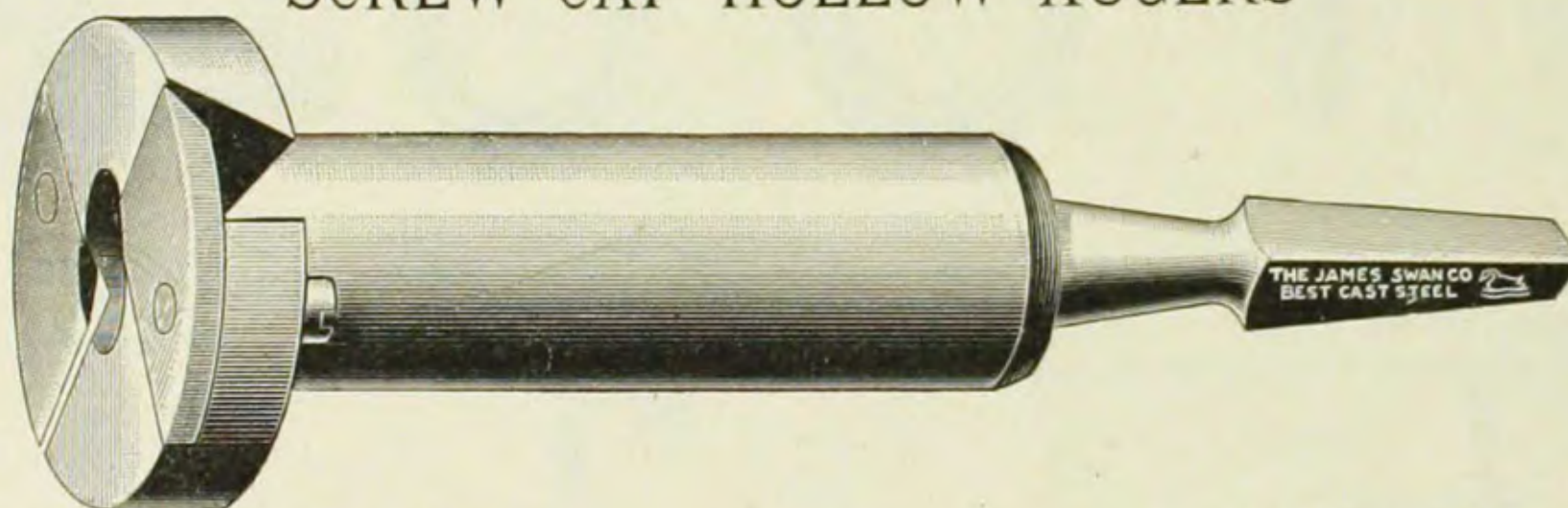
Size, inches,	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{16}$
Per dozen,	\$12.00	12.00	12.00	14.00
Size, inches,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$14.00	14.00	16.00	16.00
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen,	\$20.00	20.00	24.00	24.00

$\frac{3}{8}$ to 1 inch, one-third dozen in a package.
 $1\frac{1}{8}$ to $1\frac{1}{2}$ inches, one-sixth dozen.

WITHOUT BITS

Size, inches,	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{16}$
Per dozen,	\$8.00	8.00	8.00	9.00
Size, inches,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$9.00	9.00	12.00	12.00
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen,	\$14.00	14.00	16.00	16.00

SCREW CAP HOLLOW AUGERS



WITH COOK'S PATENT BITS

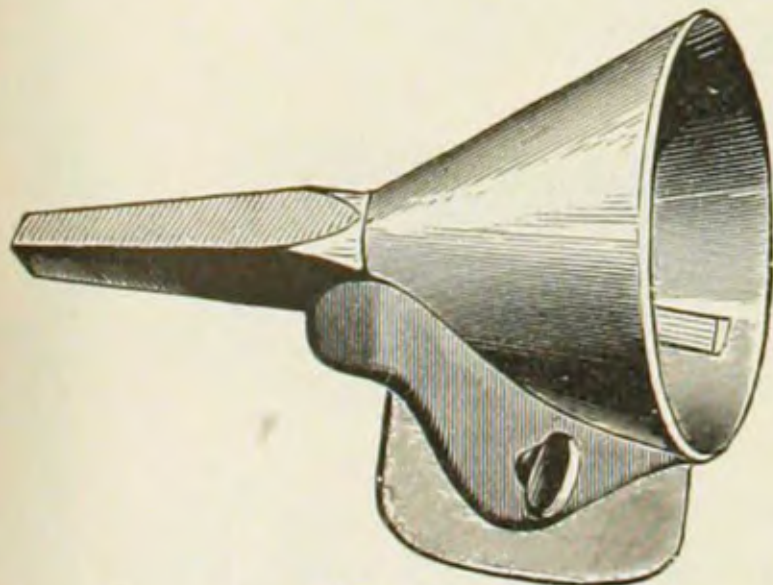
Size, inches,	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{16}$
Per dozen,	\$12.00	12.00	12.00	14.00
Size, inches,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$14.00	14.00	16.00	16.00
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen,	\$20.00	20.00	24.00	24.00

$\frac{3}{8}$ to 1 inch, one-third dozen in a package.
 $1\frac{1}{8}$ to $1\frac{1}{2}$ inches, one-sixth dozen.

WITHOUT BITS

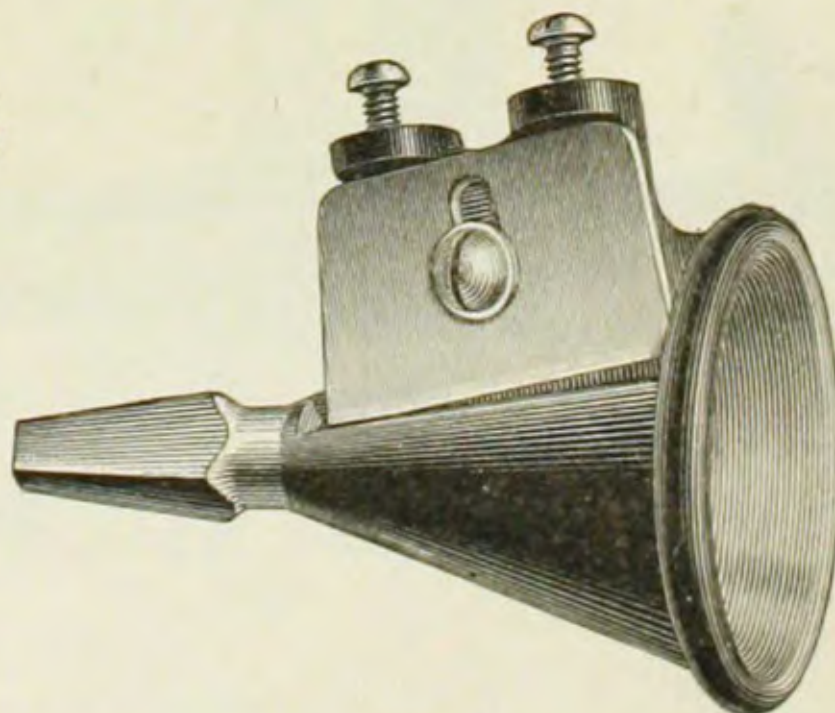
Size, inches,	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{16}$
Per dozen,	\$8.00	8.00	8.00	9.00
Size, inches,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$9.00	\$9.00	12.00	12.00
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen,	\$14.00	14.00	16.00	16.00

SPOKE POINTERS



No. 1

No. 1,
No. 2,



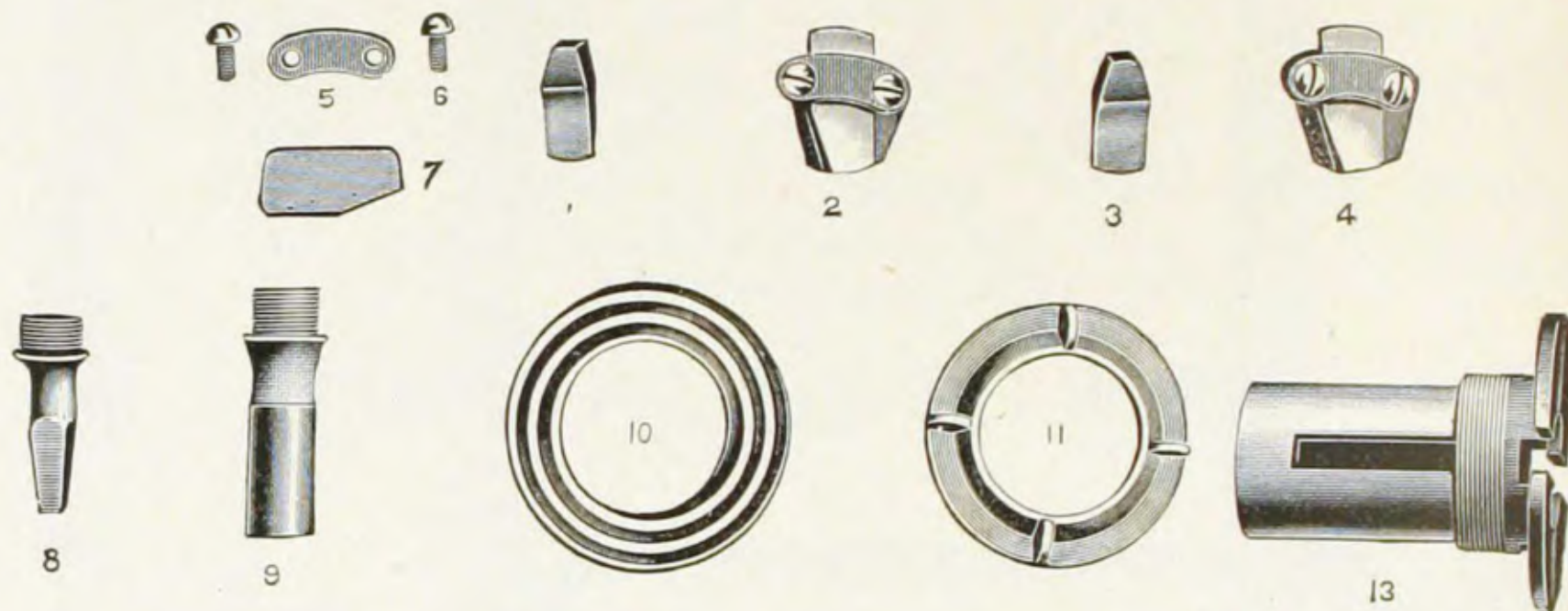
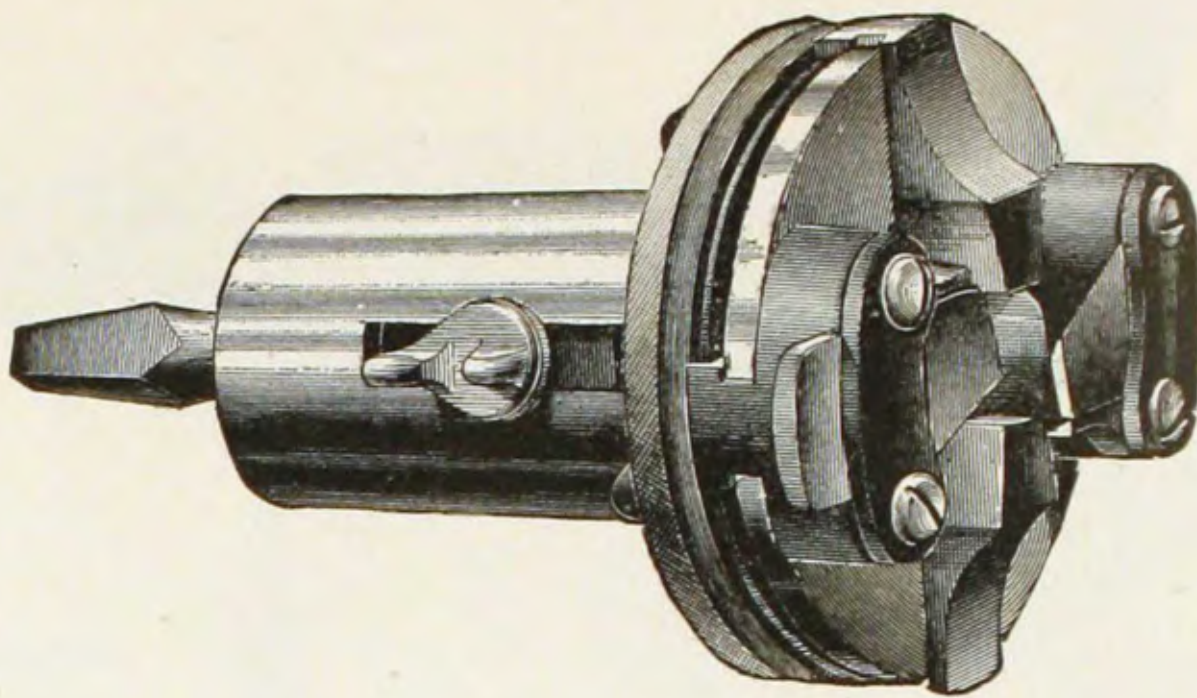
No. 2

per dozen, \$9.00
 " " 5.00

One-third dozen in a box.



SWAN'S IMPROVED UNIVERSAL HOLLOW AUGERS



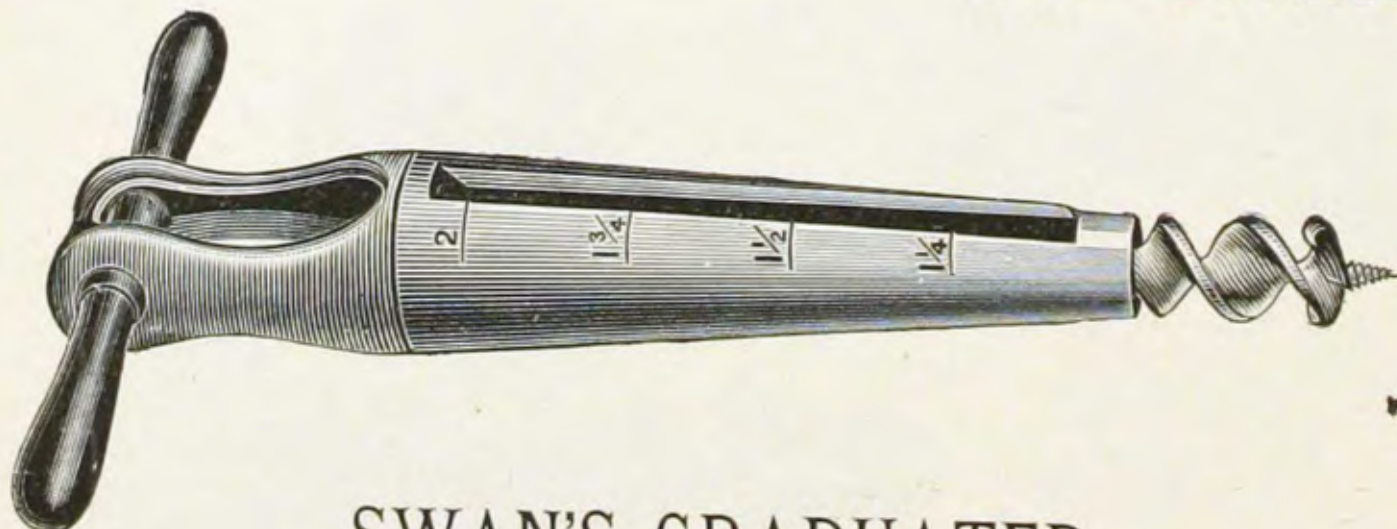
The above cut represents a well-known tool and its parts, which can be ordered by number.
Depth gauge to regulate the length of tenon, face graduated so it can be readily set to any desired size.
It will answer the purpose of a full set of Augers from $\frac{3}{8}$ to $1\frac{1}{2}$ inches.

Without Bits,
With Cook's Patent Bits, Assorted, $\frac{3}{8}$ to $1\frac{1}{2}$ inches,
Machine or Round Shanks, extra,

One in a wooden box.

each, \$4.50
" 9.50
" .50

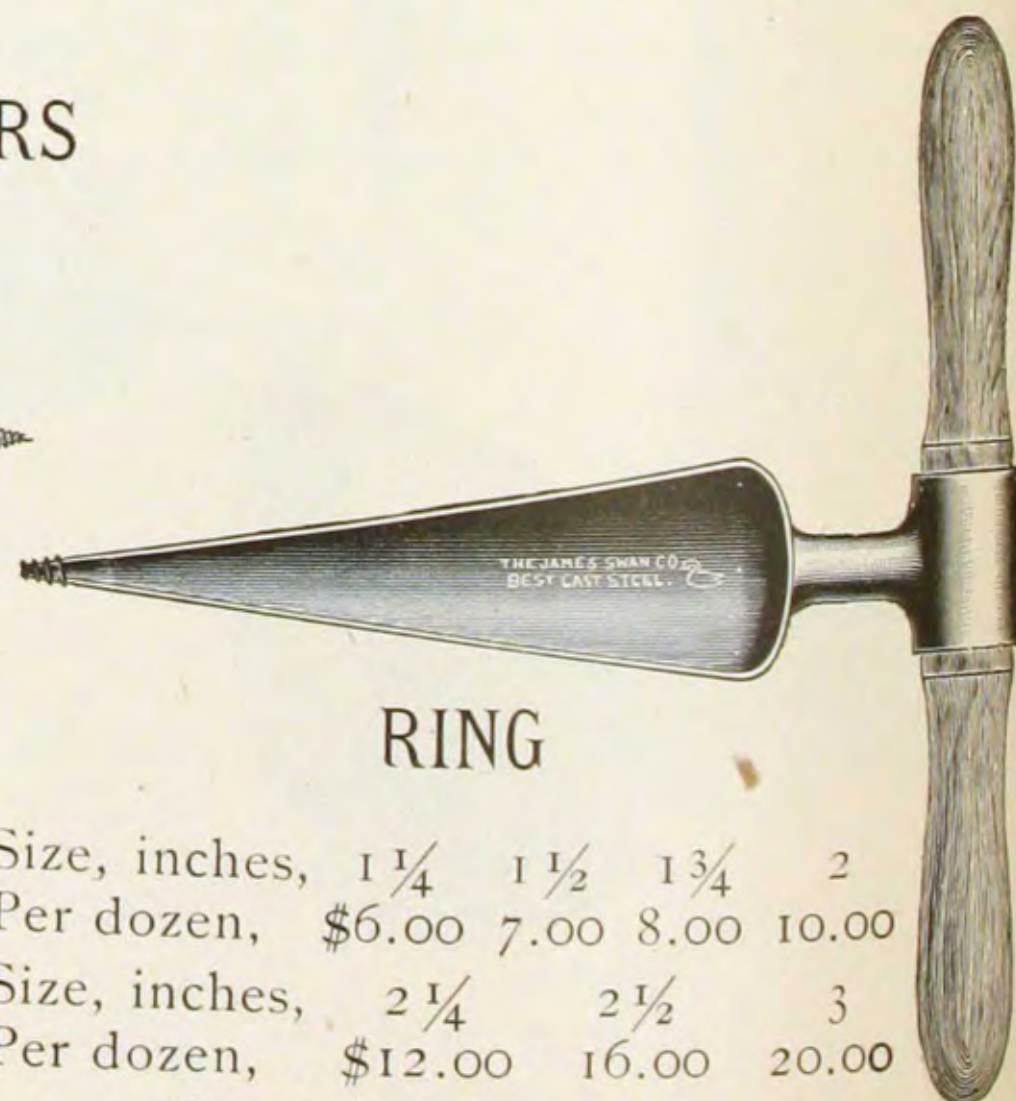
TAP BORERS



SWAN'S GRADUATED

Nos.	1	2	3
Cut, inches,	$\frac{5}{8}$ to $1\frac{1}{2}$	$1\frac{1}{8}$ to 2	$1\frac{1}{2}$ to 3
Marked, " "	$\frac{3}{4}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to 2	2 to 3
Each,	\$1.25	1.65	2.50

One in a package.



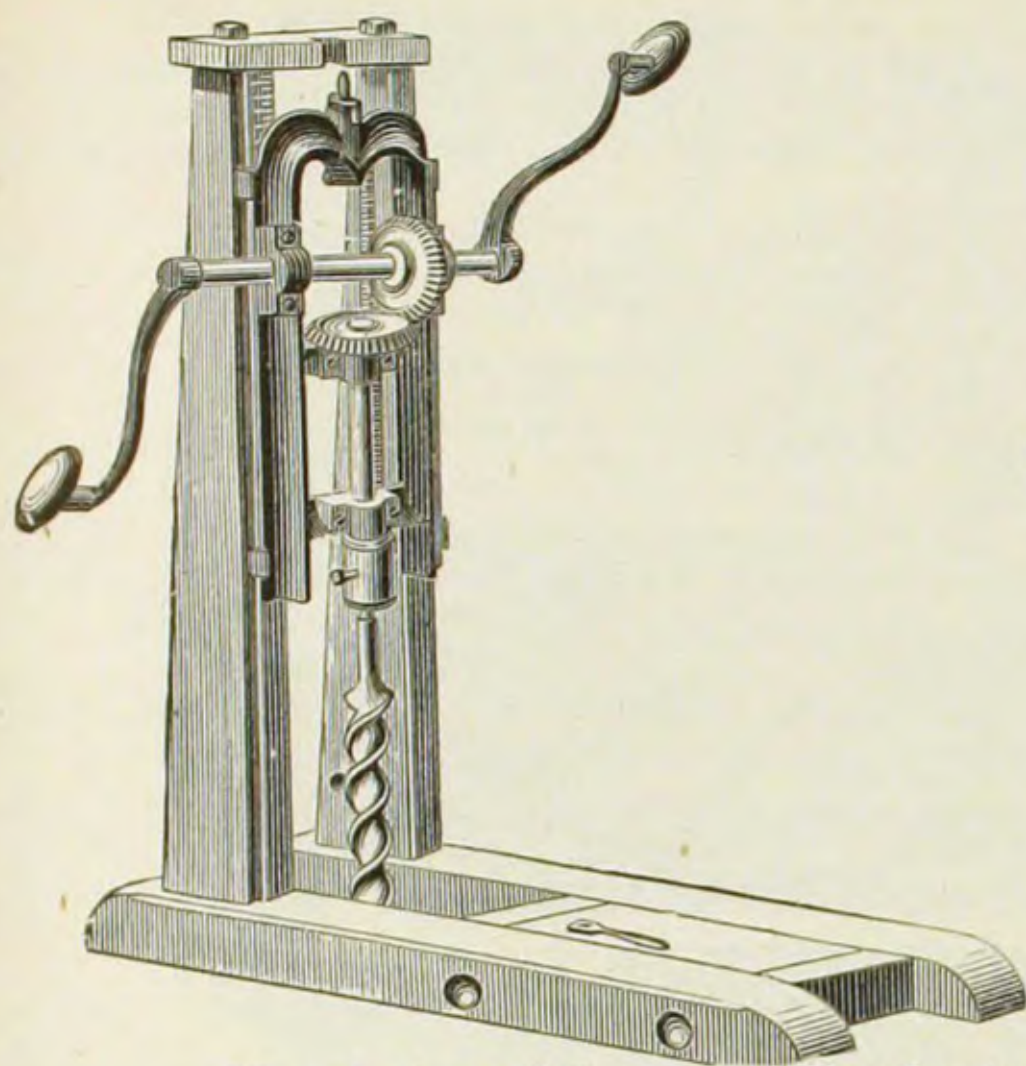
RING

Size, inches,	1 ¹ / ₄	1 ¹ / ₂	1 ³ / ₄	2
Per dozen,	\$6.00	7.00	8.00	10.00
Size, inches,	2 ¹ / ₄	2 ¹ / ₂	3	
Per dozen,	\$12.00	16.00	20.00	

Quarter dozen in a package.

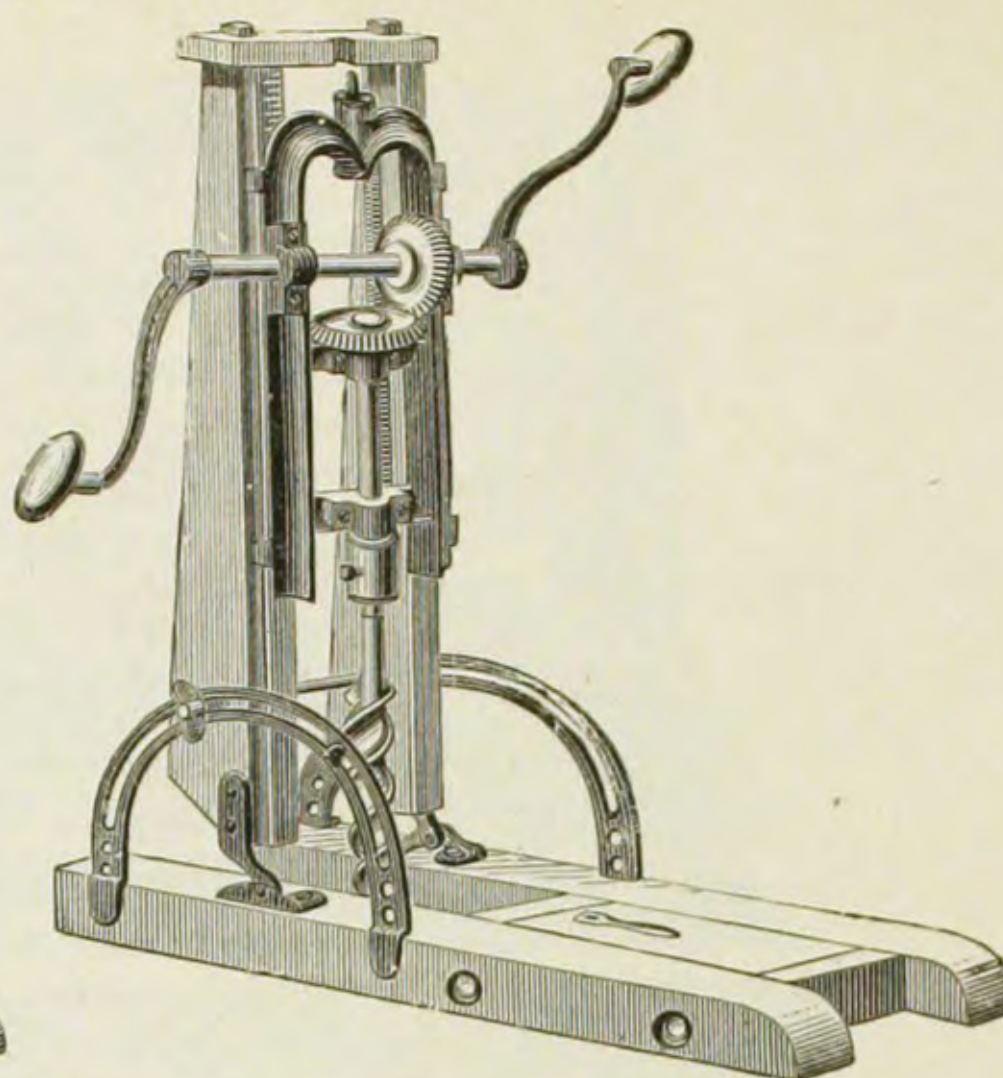


IMPROVED BORING MACHINES



Nos. 3, 4, and 5

Graduated Ways



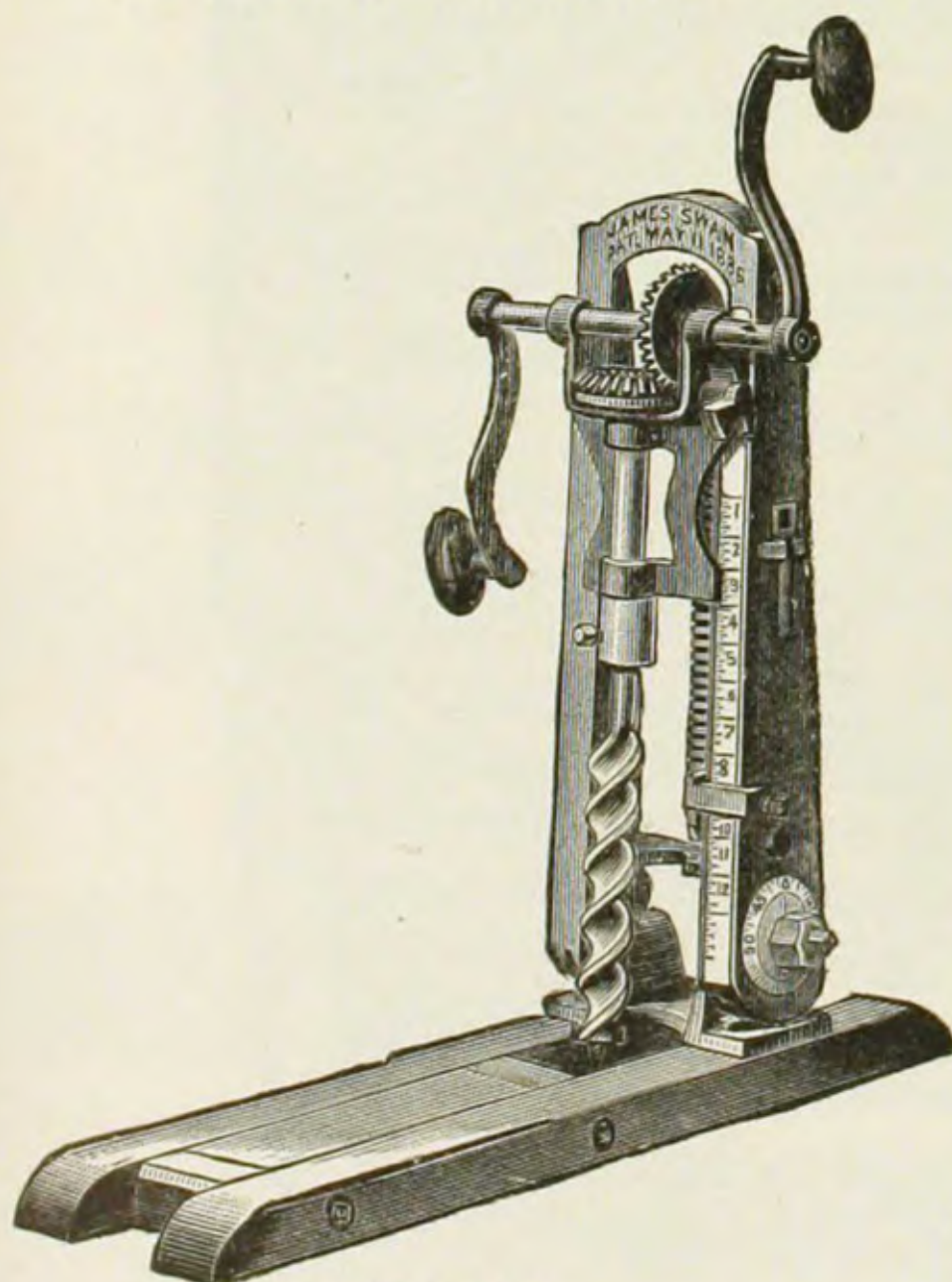
Nos. 1 and 2

These Machines are well made and warranted to bore true. They are offered as the Best Wood Frame Machine in the market.

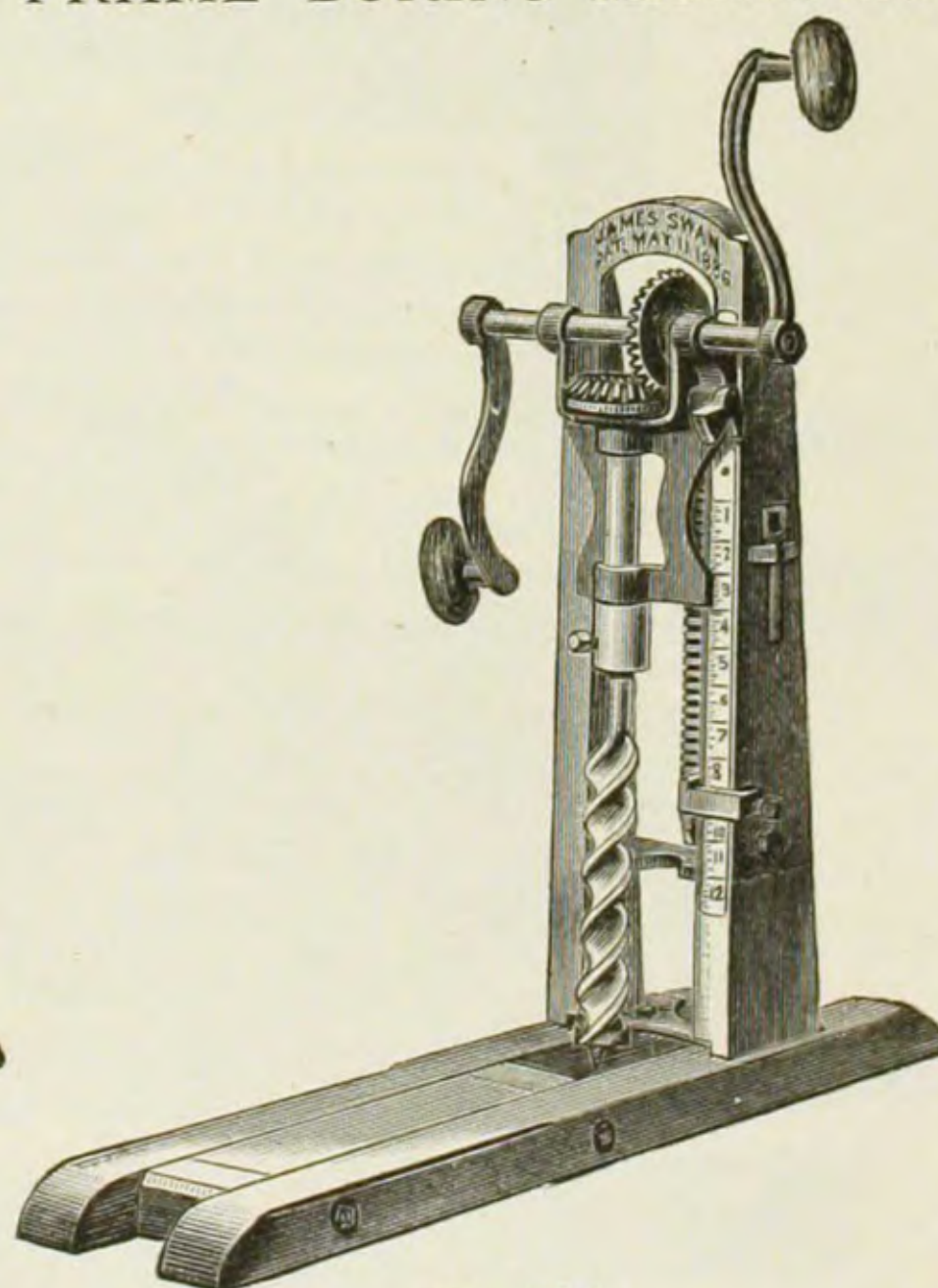
WITHOUT AUGERS

No.		Each.
1	Angular, Polished Gear	\$10.00
2	"	6.75
3	Upright, Polished Gear	8.50
4	"	7.50
5	"	5.50

SWAN'S PATENT IRON FRAME BORING MACHINES



No. 200



No. 500

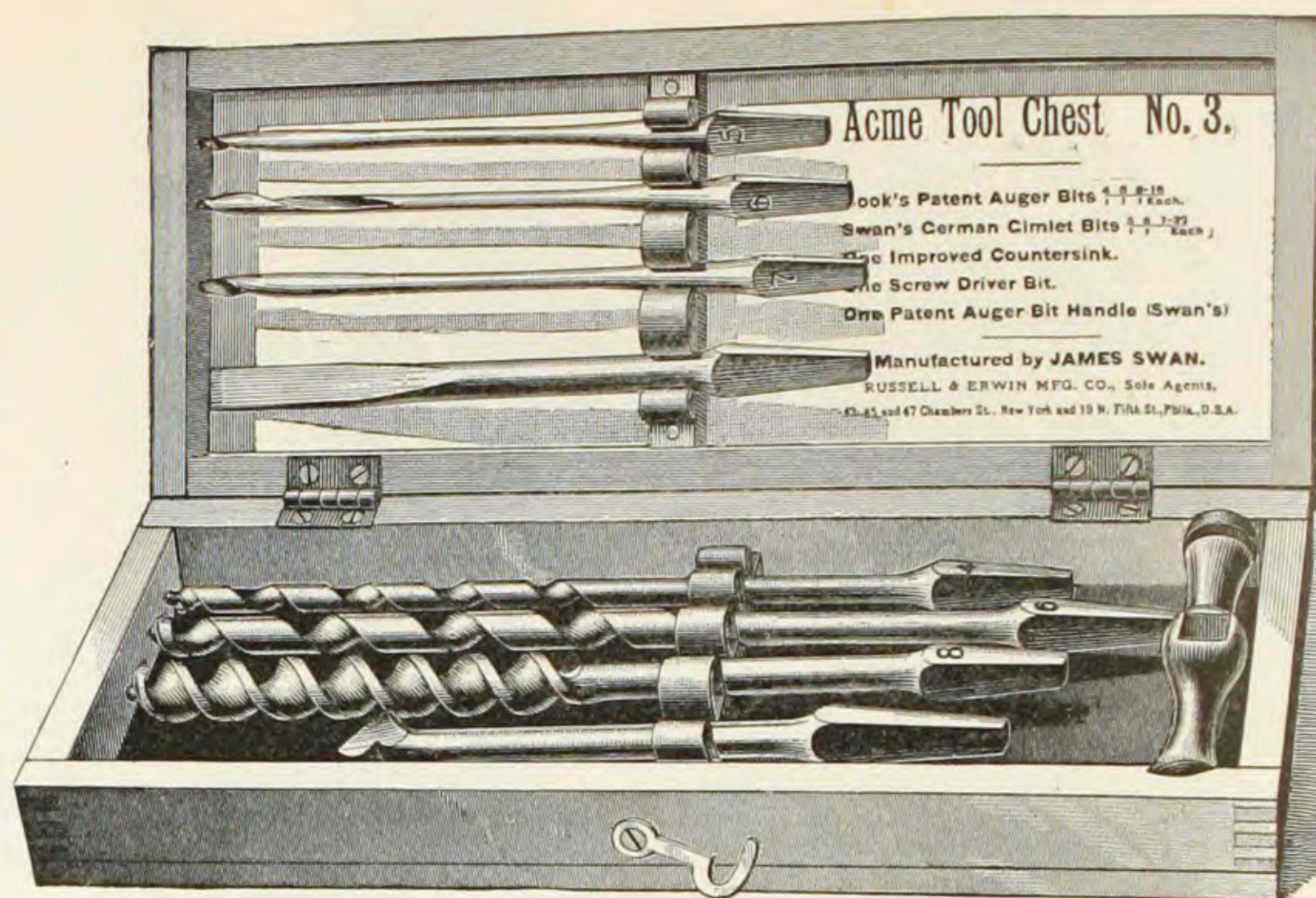
These cuts represent a new and improved Iron Boring Machine of sufficient strength to bore with large Augers without springing or getting out of true, and weighing but little more than the ordinary Wood Boring Machine.

No.		Each.
200	Angular, Painted Standard, without Augers	\$10.75
500	Upright, " " " "	8.50

Two in a case. No charge for case.



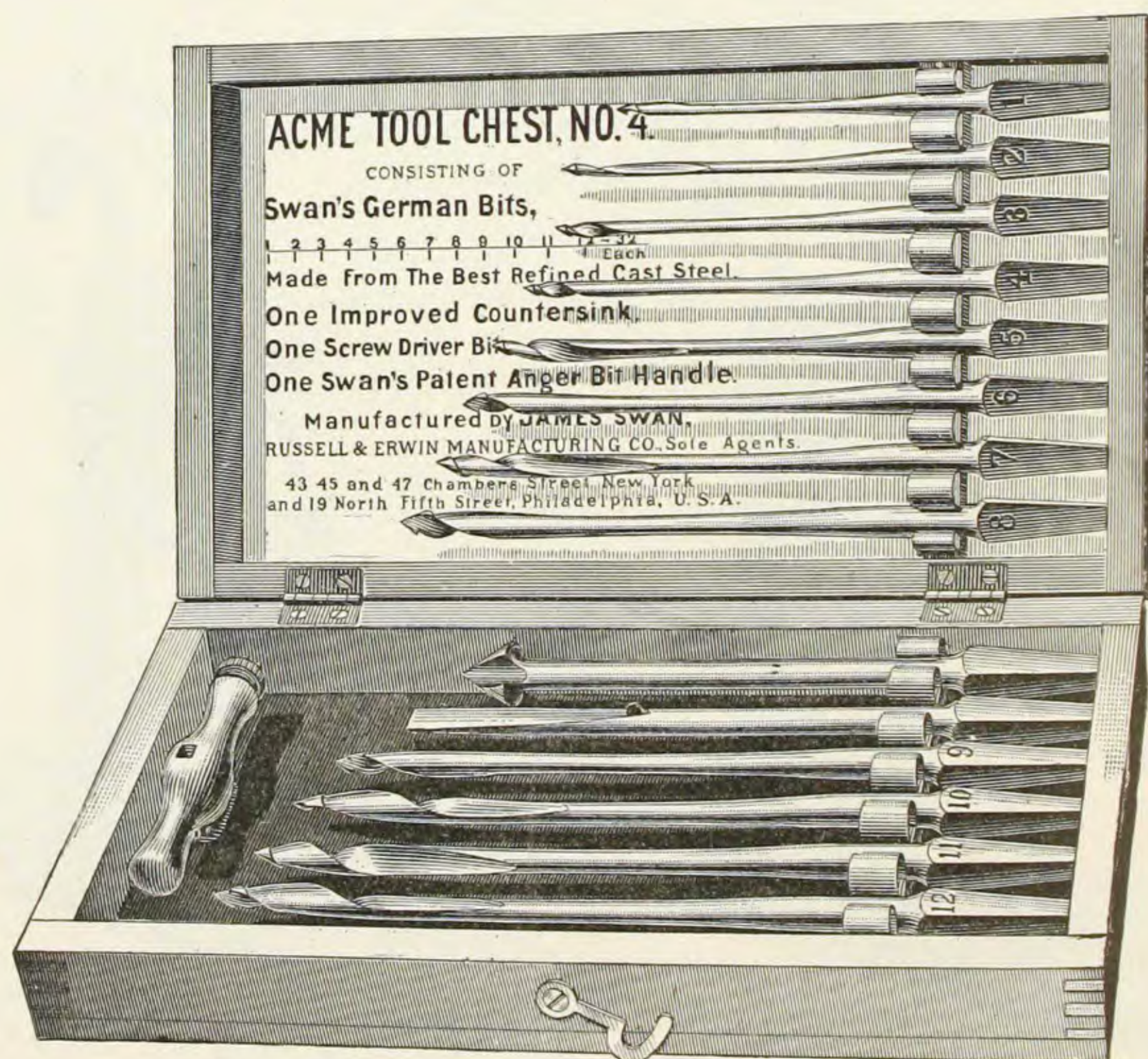
ACME TOOL CHESTS



Contains:—One each, 4, 6, 8 16ths Cook's Bits.
 One each, 5, 6, 7 32ds Swan's German Bits.
 One Improved Countersink for wood.
 One Screw-Driver Bit.
 One Patent Auger Bit Handle.

No. 3

per set, \$1.80



Contains:—One each, Swan's German Bit, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12 32ds.
 One Improved Countersink for wood.
 One Screw-Driver Bit.
 One Patent Auger Bit Handle.

No. 4

per set, \$1.80

These sets are packed in nicely finished boxes with patented spring racks that hold the tools securely in their places.
 All tools packed in this manner are carefully selected, and fully warranted.



SWAN'S PATENT CHISEL HANDLES

PATENTED NOV. 19, 1890

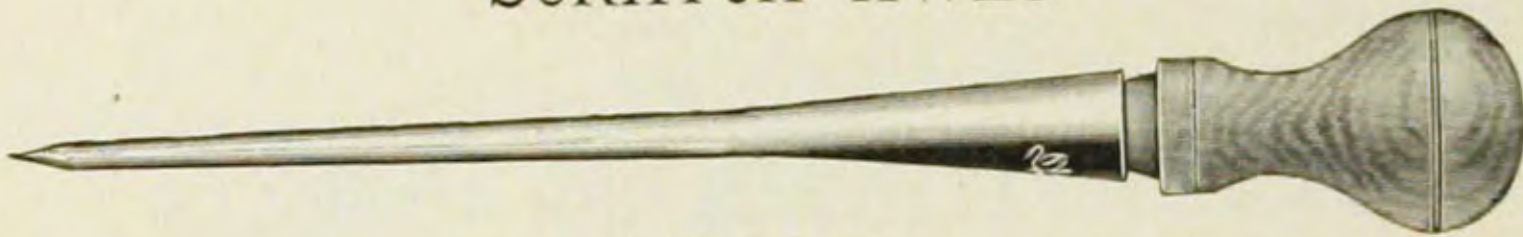
These handles are made with an iron ferrule inserted in the end, and as nothing withstands blows better than end wood confined, they are, by means of the ferrule, prevented from splitting and made practically indestructible, while the shape of the handle is not interfered with when used by hand.



No. 120	Hickory Socket Firmer, assorted sizes, $\frac{1}{8}$ to 2 inch,	per gross, \$8.25
No. 121	" " " " large,	" " 9.75
No. 101	" Tanged " " 4 sizes, $\frac{1}{8}$ to $1\frac{1}{2}$ inch,	" " 12.00
No. 102	" " " " 6 " $\frac{1}{4}$ to 2 "	" " 12.75
No. 103	" " " " 4 " 1 to 2 "	" " 13.50
No. 104	" " " " 2 " $1\frac{3}{4}$ to 2 "	" " 15.00
No. 105	" " " " 1 size, 2 inch,	" " 15.75

One dozen in a box.

SCRATCH AWLS



No. 100

per dozen, \$1.50

No. 100 Socket,

One dozen in a wooden box.



No. 3

per dozen, \$0.62 $\frac{1}{2}$
" " .75

No. 75 Plain Handle,
No. 3 Fancy "

One dozen in a box.

SCREW-DRIVER BITS



Extra,
No. 1,

per dozen, \$1.50
" " 1.00

COUNTERSINKS



No. 5 For Wood,

per dozen, \$1.25



With Slot,

per dozen, \$2.00



No. 10 For Iron,

per dozen, \$1.50

REAMERS



No. 75,

per dozen, \$1.25

One dozen in a box.

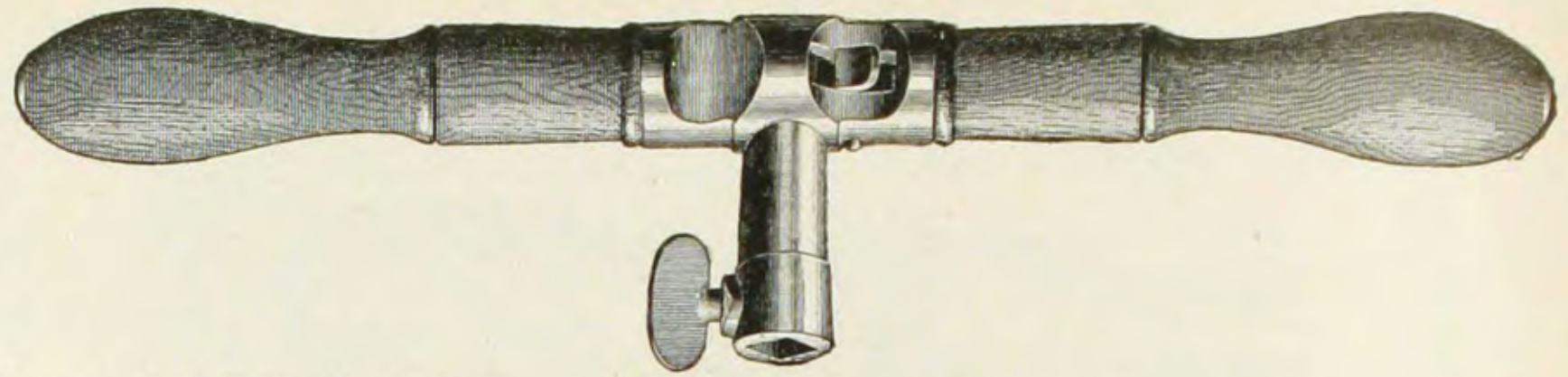


Per dozen,

\$1.50



SWAN'S RATCHET AUGER HANDLES

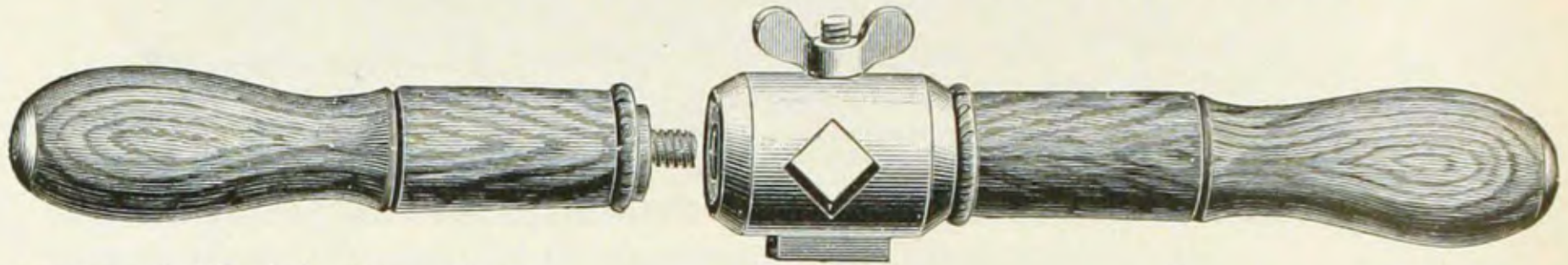


No. 80 Applewood, Nickel-plated,

Either Handle can be unscrewed, enabling it to be worked in a corner.

each, \$1.25

SWAN'S IMPROVED AUGER HANDLES



No. 24 Rosewood Finish Handles,

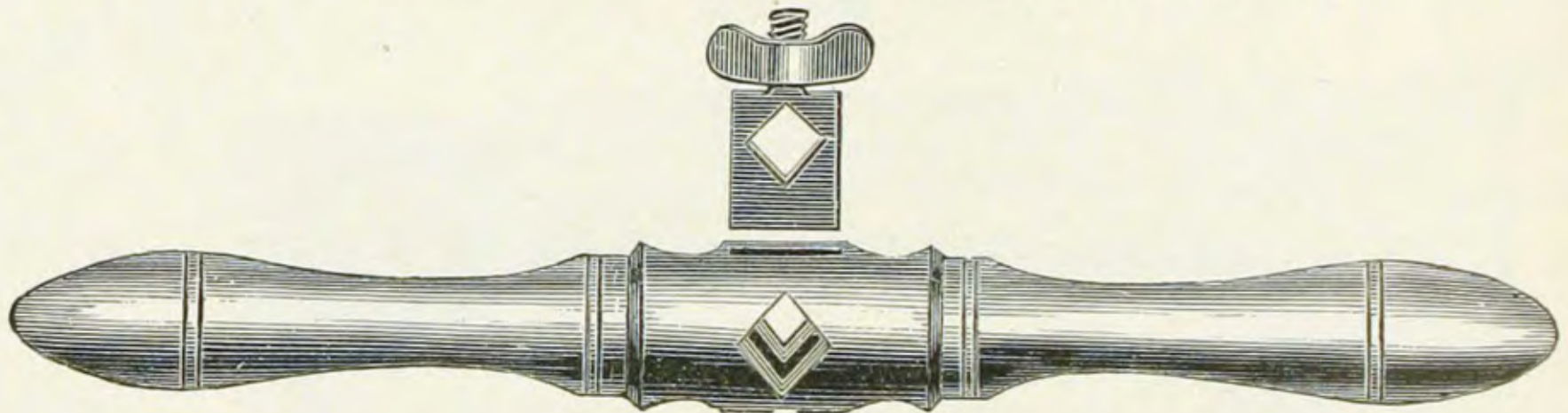
Two slides with each Handle, taking in 3-8 to 16-4 Auger Shanks, taking the place of two Auger Handles.
Either Handle can be unscrewed, enabling it to be worked in a corner.

These Handles are made of the best material and are fully warranted.

One in a wooden box.

each, \$1.00

SWAN'S PATENT AUGER HANDLES



No.				
3	Applewood,	in sets of two,	Assorted, Small and Large,	
4	"	"	" Both Large,	
13	Rosewood,	"	" Assorted, Small and Large,	
14	"	"	" Both Large,	

Per set.
\$1.00
1.25
1.25
1.50

PATENT AUGER HANDLES

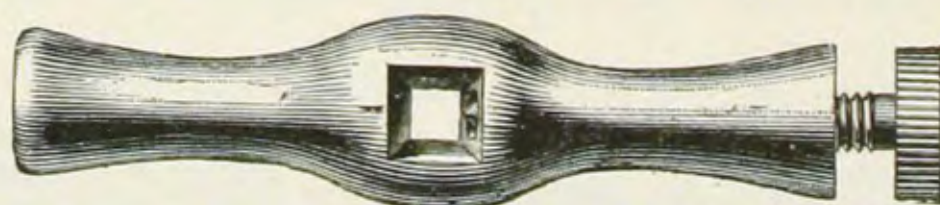


No.				
1	Applewood,	in sets of two,	Assorted, Small and Large,	
2	"	"	" Both Large,	
11	Rosewood,	"	" Assorted, Small and Large,	
12	"	"	" Both Large,	

Per set.
\$1.25
1.40
1.50
1.75

One set in a package.

SWAN'S PATENT AUGER BIT HANDLES



No.			
1	Large, Nickel-plated,		
2	Small, " "		

Per dozen.
\$2.40
2.40

One dozen in a box.



SWAN'S PATENT SCREW-DRIVERS

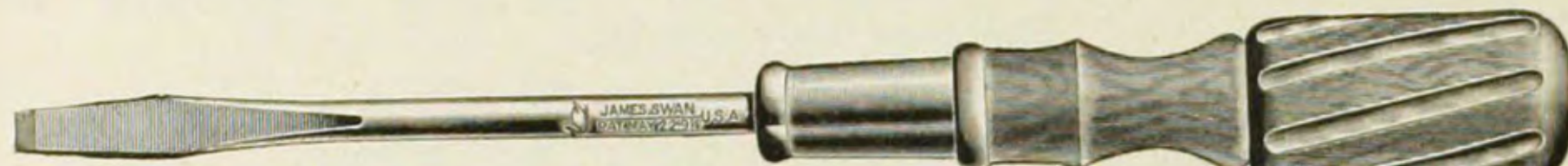
WITH STRONG MALLEABLE IRON FERRULES

PATENTED MAY 22, 1894. DESIGN PATENT ON HANDLES FEBRUARY 1, 1898.

All Superior Quality and Fully Warranted.



No. 65



No. 065



No. 67



No. 68

Above all the same lists.

Size, inches,	2 1/2	3	4	5	6	7	8	9	10	12
Per dozen,	\$3.00	3.50	4.25	5.00	6.00	7.00	8.00	9.00	10.00	12.00



Cabinet No. 66

ALL BLADES $\frac{7}{8}$ INCH DIAMETER

Size, inches,	2 1/2	3 1/2	4 1/2	5 1/2	6 1/2	8 1/2	10 1/2	12 1/2
Per dozen,	\$3.00	3.50	4.50	5.50	6.00	8.00	9.50	11.00

We call special attention to the design patent on these Handles. The construction is such that they are easier on the hand when in use than any other handle, especially the No. 67.

The inside of the ferrule is so constructed that when the blade is driven home it is practically impossible to turn or come off. The end of the ferrule is bored tapering and the blade made to correspond, so that, being a tapered fit in both ferrule and handle, either blade or handle can be easily replaced in case of accident.

All above, half dozen in a wooden box.



SOLID CAST STEEL SCREW-DRIVERS

MADE FROM BEST CRUCIBLE CAST STEEL



NO. 25. FORGED BLADES

Size, inches,	2	3	4	5	6	7	8	9	10	11	12
Per dozen,	\$2.00	2.50	3.00	3.50	4.00	5.00	5.50	6.00	6.50	7.00	7.50

Half dozen in a wooden box.

NO. 35. FORGED BLADES, ROSEWOOD HANDLES

Size, inches,	1 1/2	2	3	4	5	6	7	8	9	10	11	12
Per dozen,	\$3.00	3.00	3.50	4.00	4.50	5.00	6.00	7.00	7.50	9.00	10.00	10.50

Half dozen in a wooden box.

SWAN'S PATENT SCREW-DRIVERS



NO. 45. ROUND BLADES, BLACK HANDLES, NICKEL-PLATED FERRULES, PATENT FASTENING

Size, inches,	1 1/2	2	3	4	5	6	7	8	10	12
Per dozen,	\$2.50	2.50	3.00	3.50	4.00	5.00	6.00	7.00	8.00	9.00

Half dozen in a wooden box.

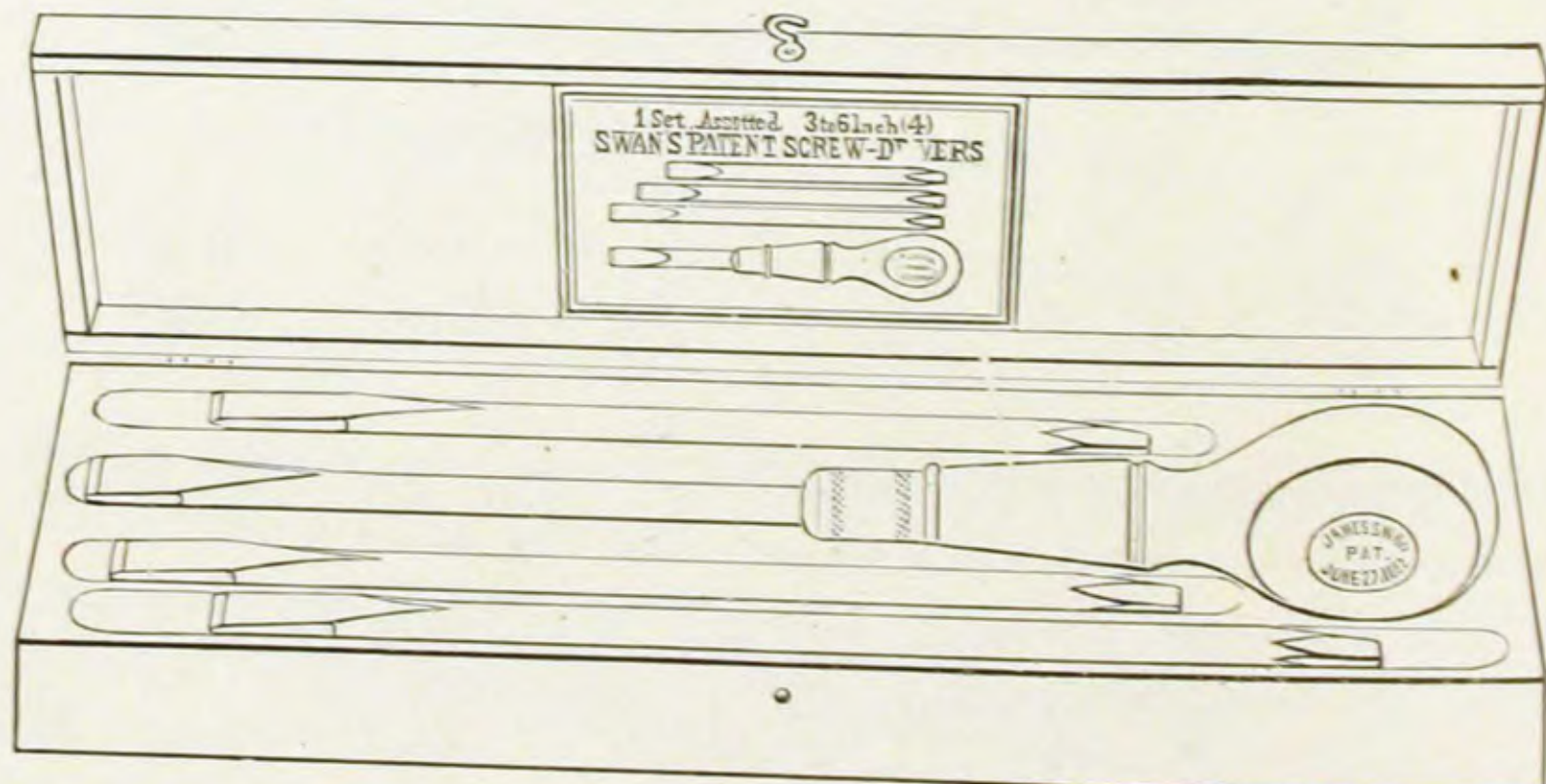


NO. 40. ROUND BLADES, BLACK HANDLES, NICKEL-PLATED FERRULES (STYLE OF NO. 45, WITHOUT PATENT FASTENING)

Size, inches,	1 1/2	2	3	4	5	6	7	8	10	12
Per dozen,	\$0.90	.90	1.15	1.50	1.75	2.10	2.35	2.80	3.50	4.75

1 1/2 and 2 inches, one dozen in a box; all other sizes, half dozen.

SWAN'S PATENT SCREW-DRIVERS



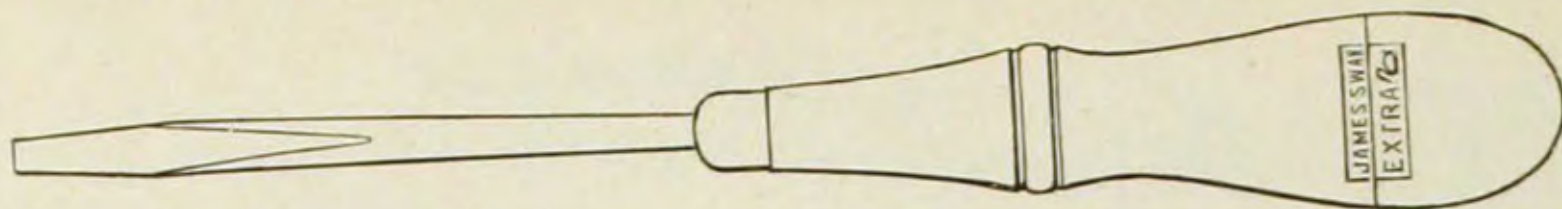
No. 100 In sets (4), 3 to 6 inches,

One set in a wooden box, as shown in illustration.

per dozen sets, \$15.00



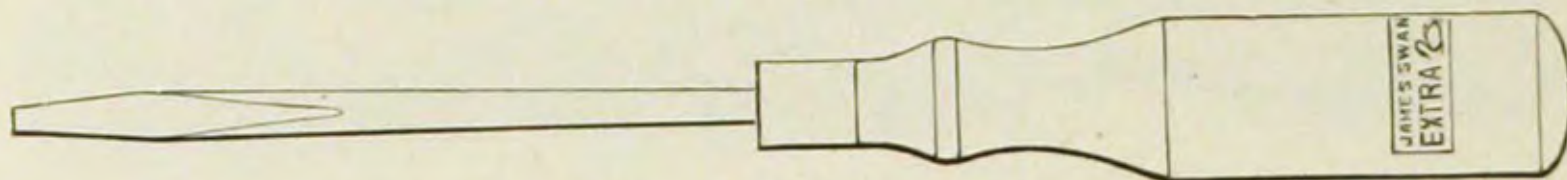
SOLID CAST STEEL SCREW-DRIVERS



No. 10

per dozen, \$2.00
 " " 2.00

2 inches,
 3 "



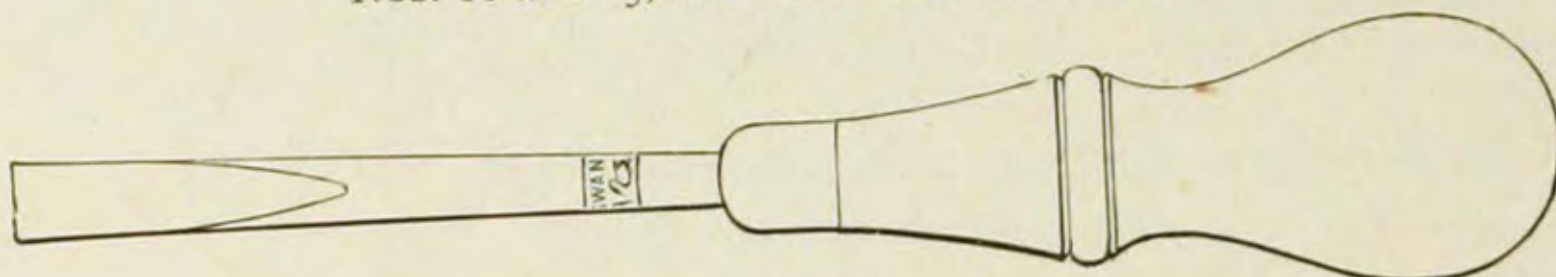
No. 15

ROSEWOOD HANDLES

per dozen, \$2.20
 " " 2.20

2 inches,
 3 "

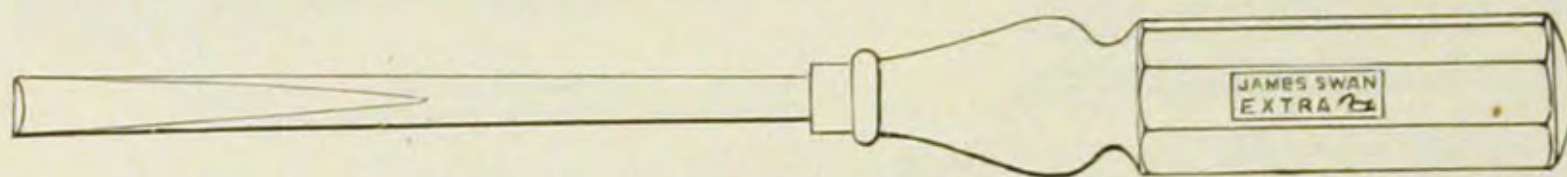
Nos. 10 and 15, one dozen in a wooden box.



No. 50

Size, inches,
 Per dozen,

2	3	4	5	6	7	8
\$1.50	1.70	1.90	2.10	2.30	2.50	2.80



No. 60

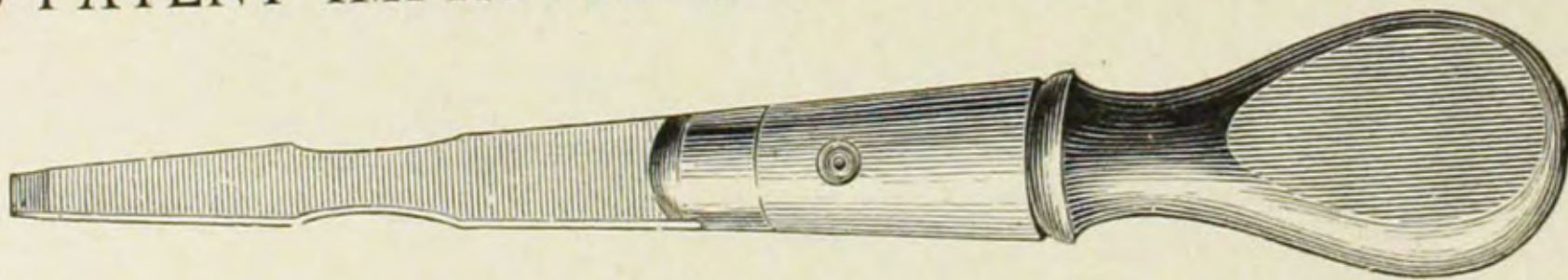
ROSEWOOD HANDLES

Size, inches,
 Per dozen,

2	3	4	5	6	7	8
\$2.20	2.40	2.80	3.30	3.80	4.30	4.80

Nos. 50 and 60, half dozen in a wooden box.

STANLEY'S PATENT IMPROVED SOLID CAST STEEL SCREW-DRIVERS



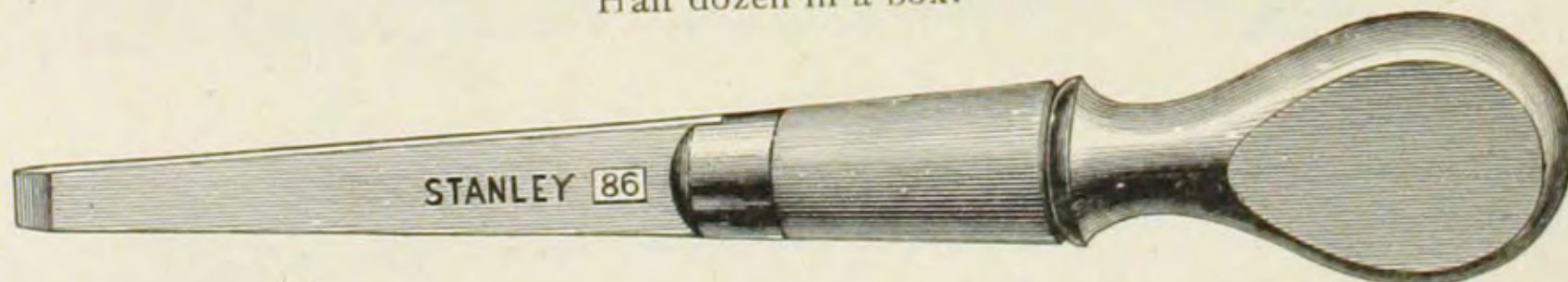
No. 64

VARNISHED HANDLES
 With Patent Metallic Fastening.

Size, inches,
 Per dozen,

1 1/2	2	3	4	5	6	7	8	10	12
\$1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.75	6.00	8.00

Half dozen in a box.



No. 86

POLISHED HANDLES

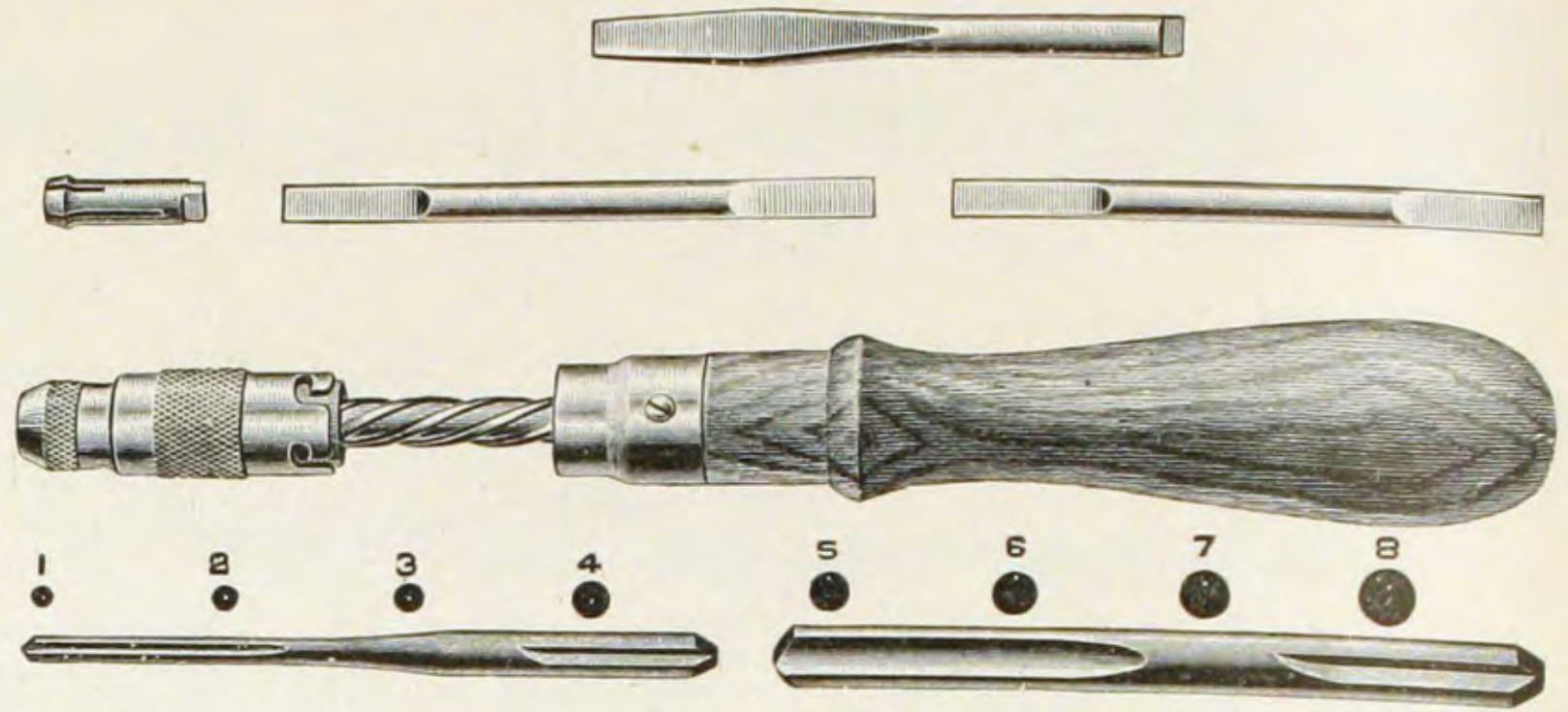
Size, inches,
 Per dozen,

2	3	4	5	6	7	8	10	12
\$1.50	2.00	2.50	3.00	3.50	4.00	4.75	6.00	8.00

Half dozen in a box.



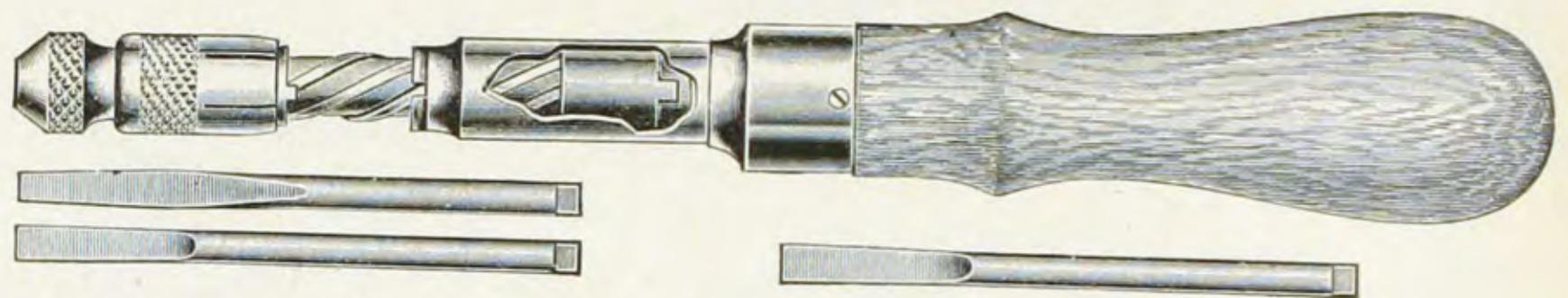
MILLER'S FALLS AUTOMATIC SCREW-DRIVERS



Patent revolving sleeve which the left hand grasps when the tool is working. While this sleeve is a great advantage in driving screws, it also enables the tool to be used as an automatic drill. There is also a locking device which prevents the screw-driver from falling out of engagement when held perpendicular. All the metal parts are highly polished and heavily nickel-plated. The handle is of cocobolo. Full length, extended, 17 inches. The three screw-driver bits which go with each tool are 4 inches long.

- No. 11 Without Drill Points, but with 3 Screw-driver Bits,
 " 12 With 8 " " and 3 Screw-driver Bits,

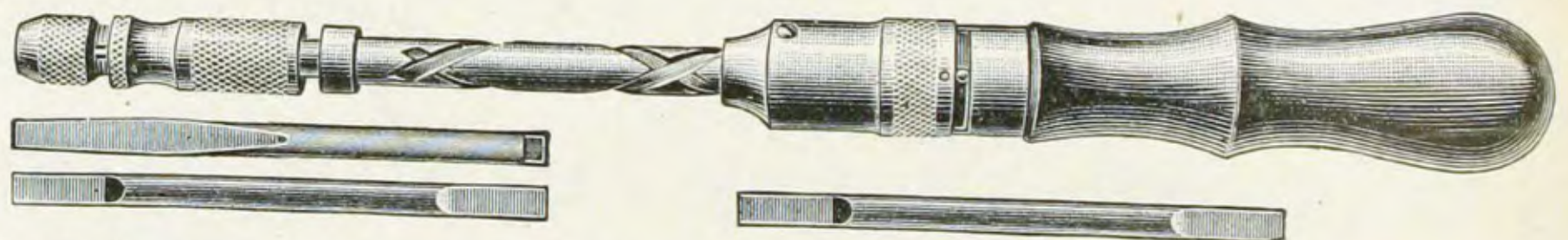
per dozen, \$15.00
 " " 21.00



WITH CAST INTERCHANGEABLE METAL NUT

- No. 20 With 3 Screw-driver Bits, 9 inches long, 13 inches extended,
 " 21 " 3 " " 10 " " 15 " "

per dozen, \$12.00
 " " 14.00



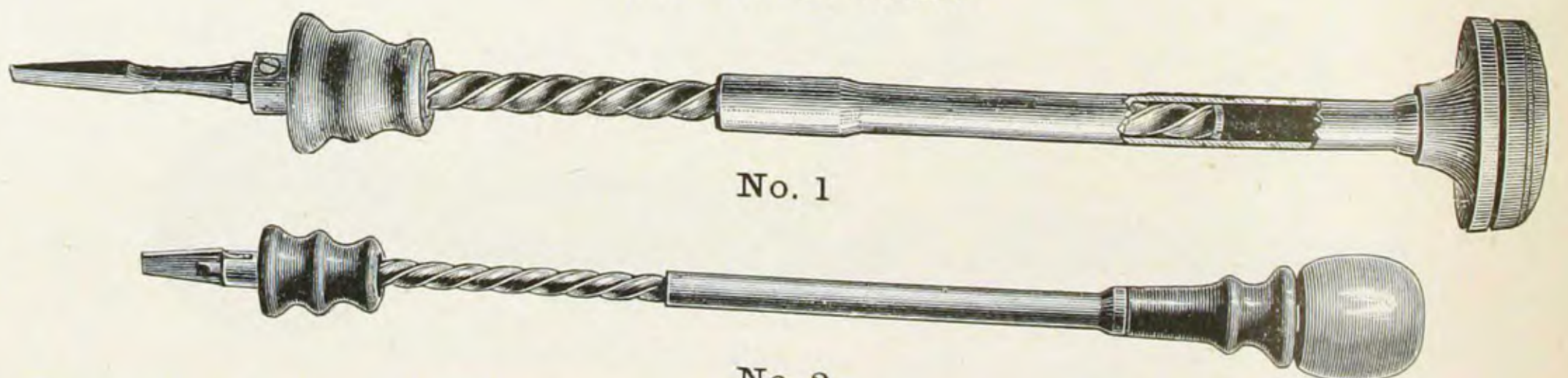
This Screw-driver has one groove cut deeper than the other, thus preserving the individuality of each and preventing wear at point of intersection. They are packed with three bits each, two of them double pointed, thus making five points in all.

- No. 41 Reversible,

Above, one in a box.

per dozen, \$18.00

REID'S LIGHTNING BRACES NICKEL-PLATED



No. 1

No. 2

These braces are designed for boring and screw-driving.

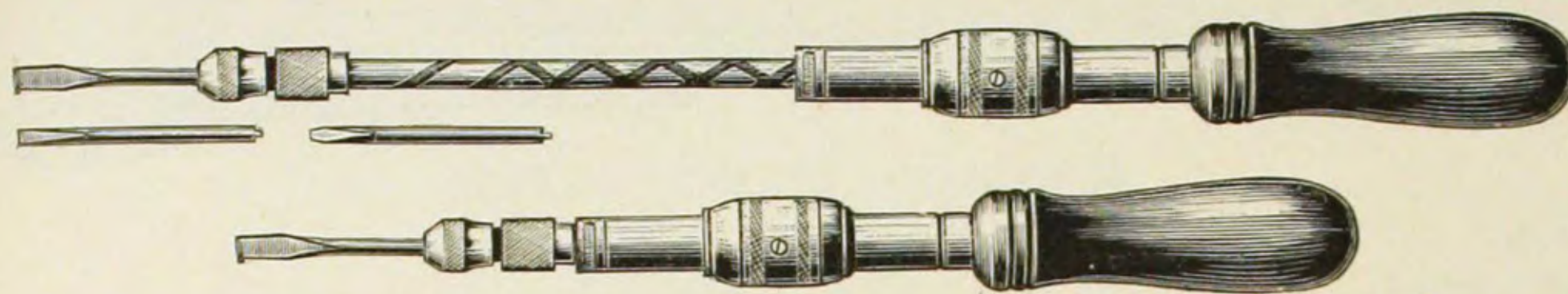
- No. 1 With 1 Screw-driver Bit,
 " 2 " 2 " Bits and 1 Boring Bit,

each, \$2.50
 " 2.00

No. 1, one in a box; No. 2, six.



JONES' REVERSIBLE SPIRAL SCREW-DRIVERS



These Screw-drivers are made to drive or draw screws.

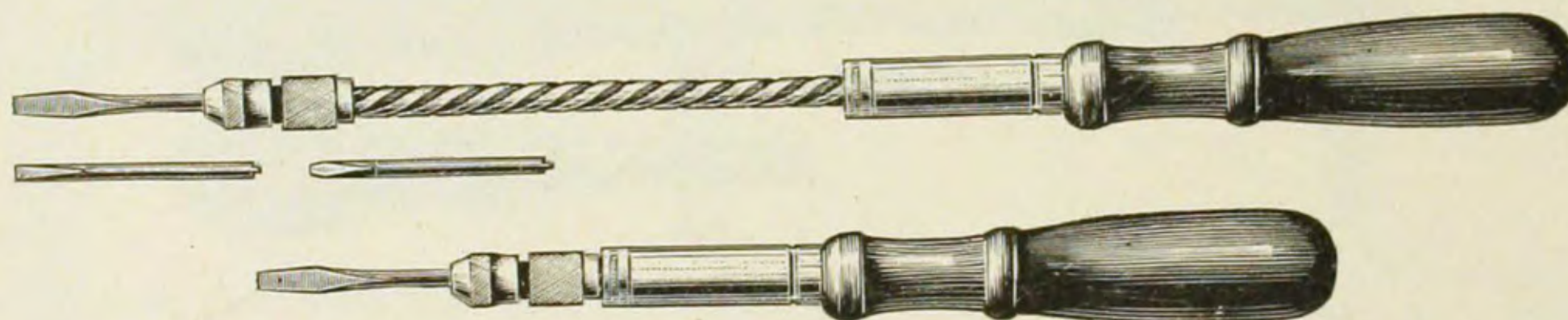
DIRECTIONS: Grasp swelled brass sleeve with left hand, and with right hand turn handle the direction you wish to drive the screw. When spiral is pushed in, it can be used as an ordinary Screw-driver.

The tube is of seamless brass, highly polished, and handles are of hard wood.

- | | | |
|-------|---|--------------------|
| No. 1 | Large Size, with 3 Forged Steel Bits, length, extended, 17 inches; closed, 11 inches, | per dozen, \$30.00 |
| No. 2 | Small Size, with 3 Forged Steel Bits, length, extended, 15 inches; closed, 10 inches, | " " 27.00 |

One in a wooden box.

HOWARD-ALLARD SPIRAL SCREW-DRIVERS

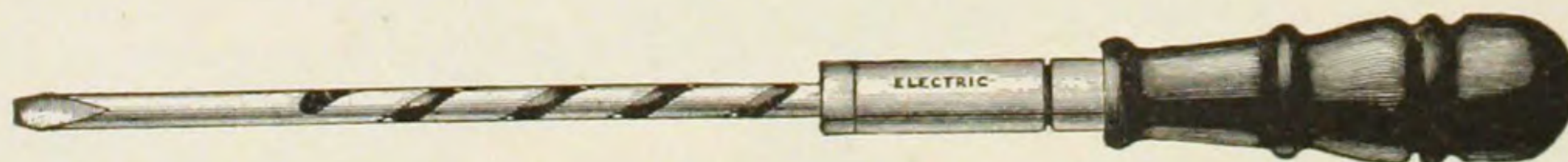


These Drivers are made to drive screws; can be used as a ratchet, also as an ordinary when closed. The tube is of seamless brass, highly polished, and handle is of hard wood.

- | | | |
|--------|---|--------------------|
| No. A1 | Large Size, with 3 Forged Steel Bits, length, extended, 19 3/4 inches; closed, 12 inches, | per dozen, \$24.00 |
| No. A2 | Small Size, with 3 Forged Steel Bits, length, extended, 14 1/4 inches; closed, 10 1/4 inches, | " " 21.00 |

One in a wooden box.

ELECTRIC SPIRAL SCREW-DRIVERS



Handles of hard wood, tubes of seamless, highly polished brass.

- | | | |
|--------|---|--------------------|
| No. 01 | Large Size, length, extended, 18 inches; closed, 14 1/4 inches, | per dozen, \$18.00 |
| No. 02 | Small " " " 12 1/4 " " 8 " " " " 15.00 | |

One in a wooden box.



YANKEE RATCHET SCREW-DRIVERS



RIGHT HAND, LEFT HAND, OR RIGID

Size, inches,	2	3	4	5	6	8	10	12
No. 10, per dozen,	\$6.30	7.95	8.70	9.45	11.10	12.75	15.00	16.50

Half dozen in a box.

YANKEE SPIRAL SCREW-DRIVERS

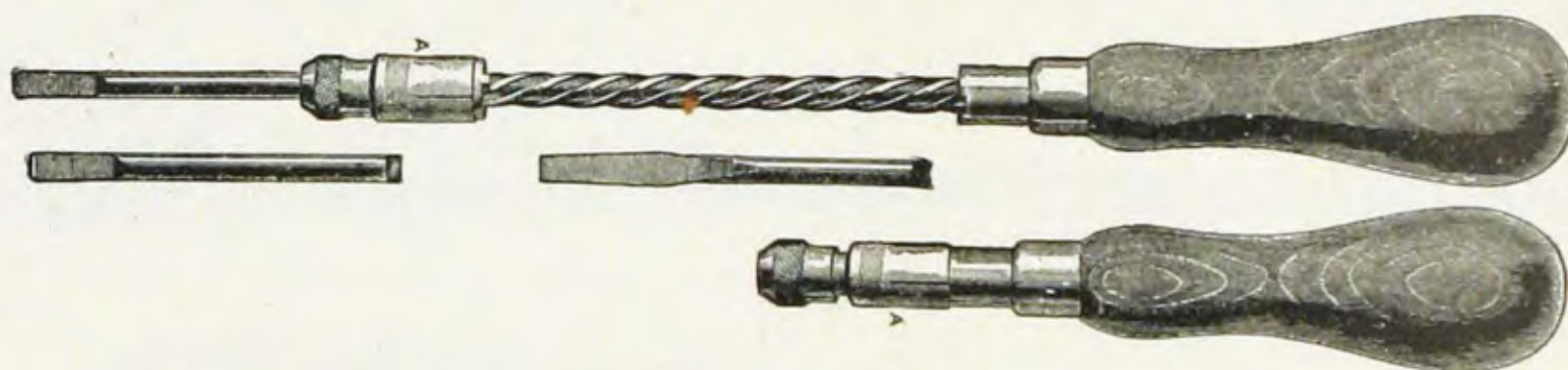


Each tool has three Screw-driver Bits. Screws can be driven in or withdrawn by pushing on handle. Can be used as Ratchet Driver, either right or left hand, or blade can be made rigid.

No. 30 Length, extended $19\frac{1}{4}$ inches, closed $13\frac{1}{2}$ inches,
One in a box.

per dozen, \$31.50

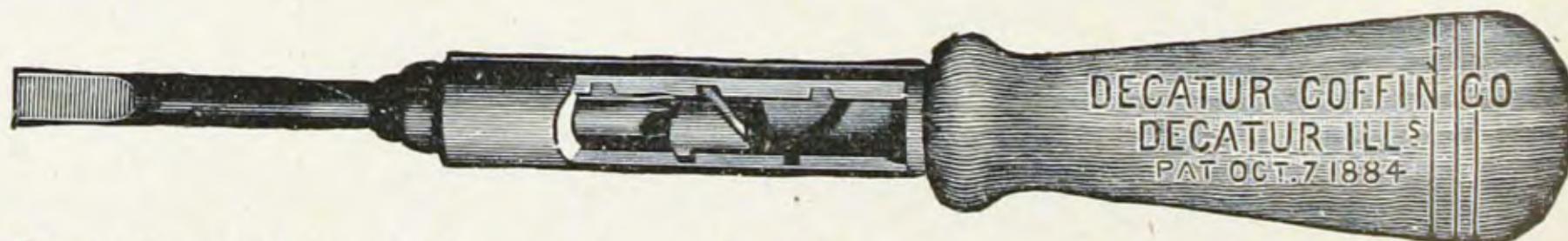
GOODELL'S PATENT AUTOMATIC INTERCHANGEABLE SCREW-DRIVERS



No. 1 Length, extended 14 inches, closed 10 inches, with 3 Bits, Assorted, per dozen, \$21.00
 No. 2 " " " 16 $\frac{1}{2}$ " " " 11 $\frac{3}{4}$ " " 3 " " " " " 24.00
 Extra Bits, " " " " " 1.60

One in a box.

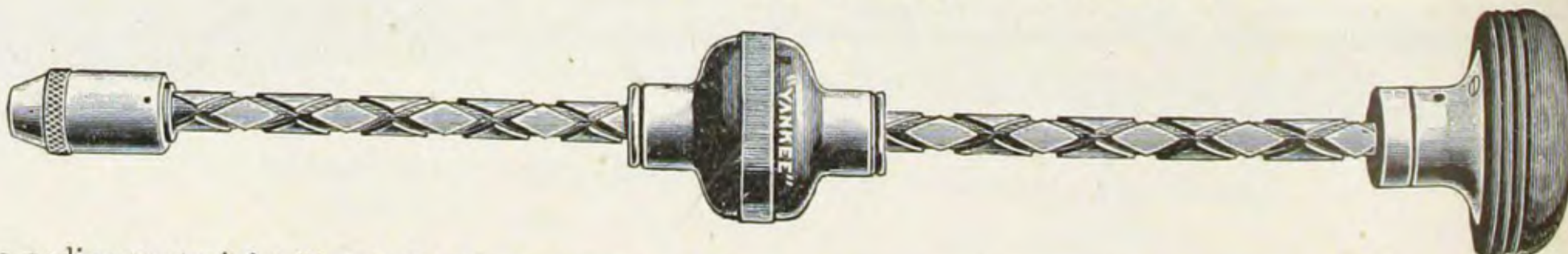
EUREKA SCREW-DRIVERS



No. 1 Length, extended 14 inches, closed 9 inches, Blade $\frac{1}{4}$ inch, per dozen, \$20.00
 No. 2 " " " 19 " " 12 " " $\frac{5}{16}$ " " " 24.00

Half dozen in a box.

YANKEE RECIPROCATING DRILLS



Made to use ordinary straight Shank Drills up to $\frac{3}{16}$. Drill revolves continually to the right, no matter in which direction handle is moved on spindle.

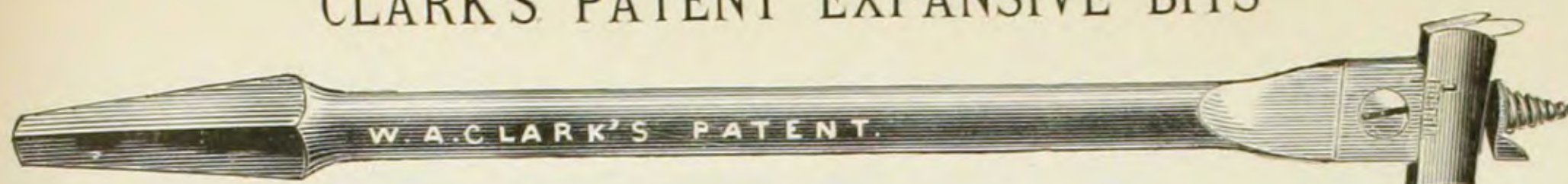
No. 50,

One in a box.

each, \$3.00



CLARK'S PATENT EXPANSIVE BITS



Small, cutting from $\frac{1}{2}$ to $1\frac{1}{2}$ inches,
Large, " " $\frac{7}{8}$ to 3 " "

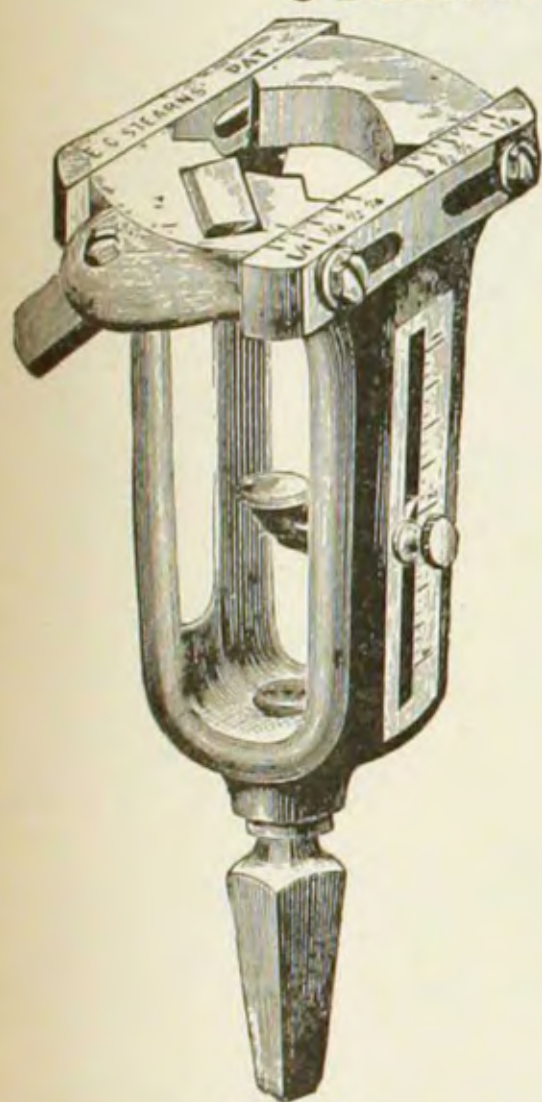
per dozen, \$18.00
" " 26.00

Half dozen in a box.

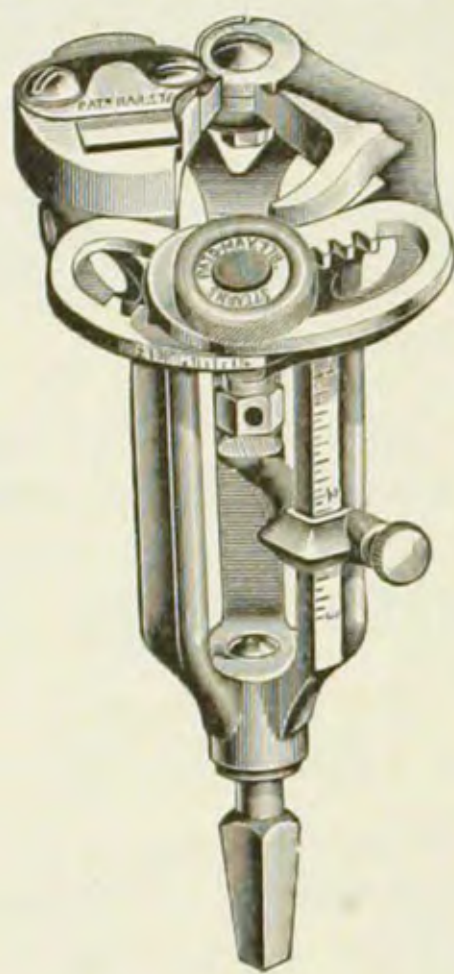
EXTRA CUTTERS

No.	Per dozen.	No.	Per dozen.
1 Small, for Small Bits, $\frac{1}{2}$ to $\frac{7}{8}$ inch,	\$3.00	4 Large, for Large Bits, $1\frac{3}{4}$ to 3 inches,	\$6.00
2 Large, " " $\frac{7}{8}$ to $1\frac{1}{2}$ " "	3.75	5 " " " " $2\frac{1}{2}$ to 4 " "	9.00
3 Small, " Large " $\frac{7}{8}$ to $1\frac{3}{4}$ " "	5.25	6 " " " " 4 to 5 " "	12.00

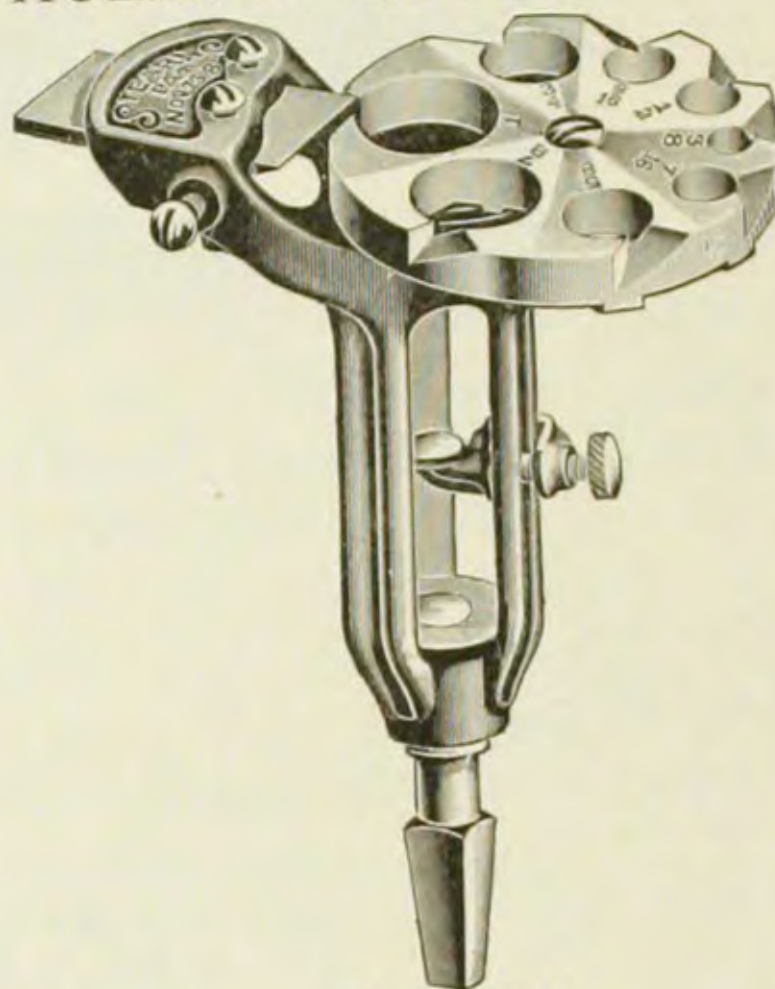
STEARNS' PATENT ADJUSTABLE HOLLOW AUGERS



No. 0



No. 3



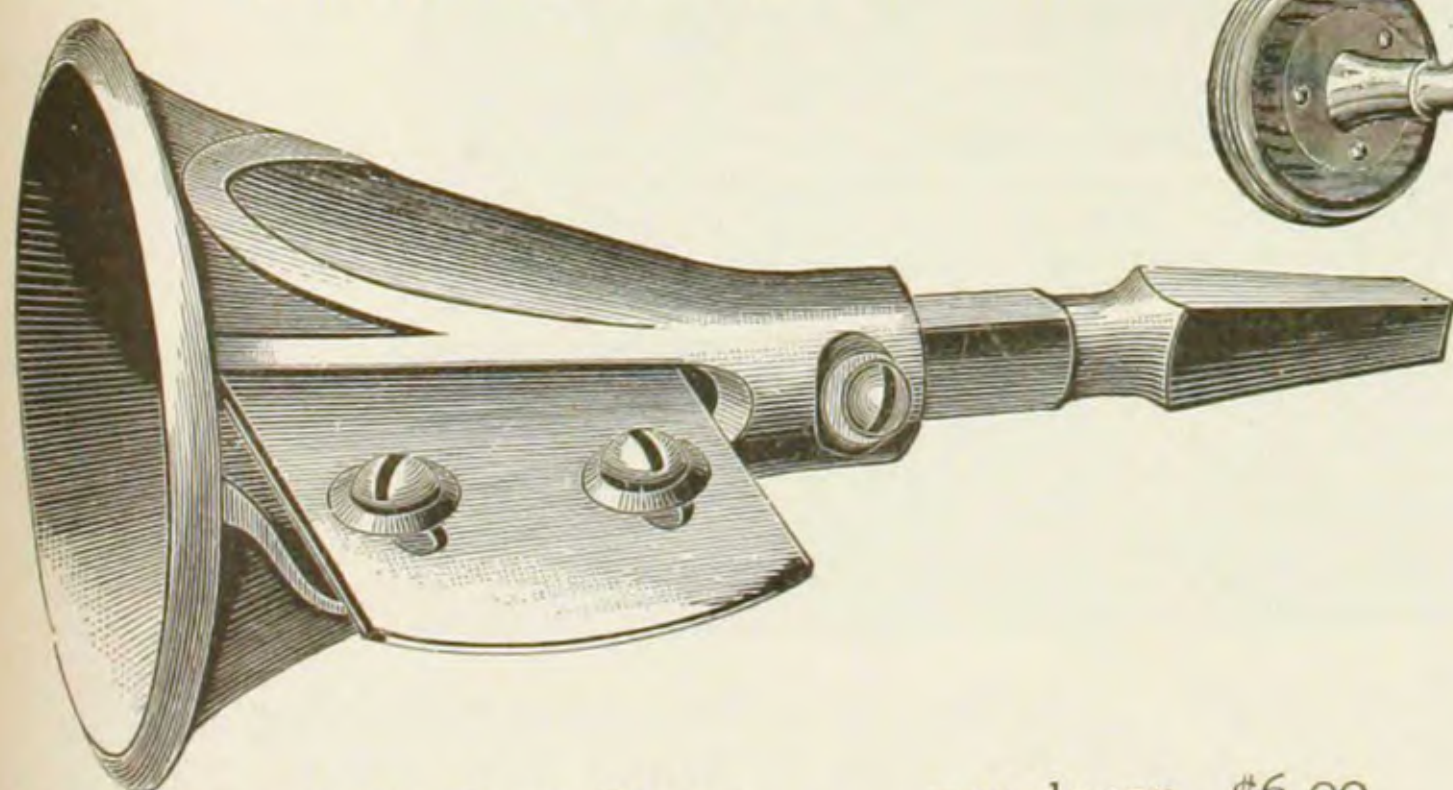
Bonney's

Cuts from $\frac{3}{8}$ to 1 inch, per dozen, \$48.00
Two in a box

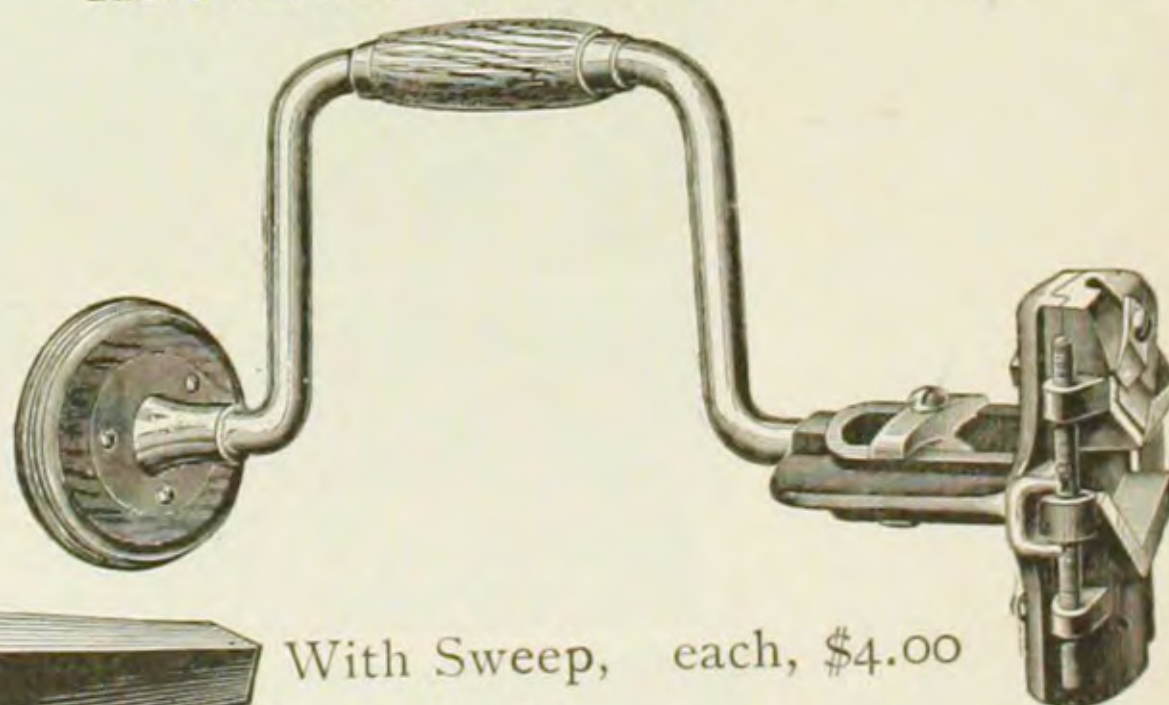
No. 0 Cuts from $\frac{1}{4}$ to $1\frac{1}{4}$ inches, per dozen, \$48.00
No. 3 " " $\frac{1}{4}$ to $1\frac{1}{4}$ " " 60.00
Two in a box.

GOODELL'S PATENT ADJUSTABLE HOLLOW AUGERS

MILLER'S FALLS CO.'S SPOKE TRIMMERS



With Adjustable Stop Gauge, per dozen, \$6.00
Quarter dozen in a box.



With Sweep, each, \$4.00

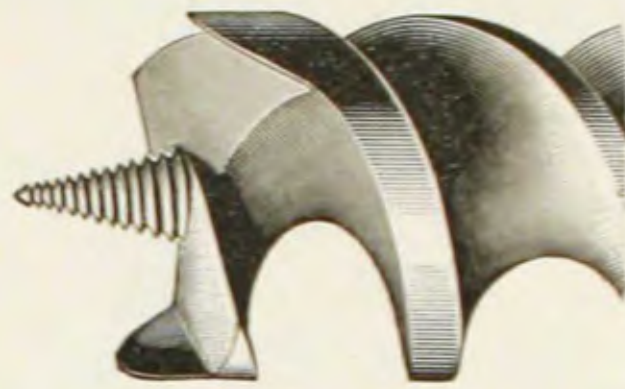
STANLEY'S IMPROVED DOWEL SHARPENERS



No. 22, per dozen, \$3.00
Half dozen in a box.



THE RUSSELL JENNINGS MANUFACTURING CO.'S
PATENT EXTENSION LIP AUGERS AND AUGER BITS



PATENT AUGER BITS



Size, 16ths,	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Per dozen,	\$3.40	3.00	3.40	3.80	4.40	4.80	5.20	5.60	6.10	6.60	7.20	7.80	8.40	9.00
Size, 16ths,	17	18	19	20	21	22	23	24	26	28	30	32		
Per dozen,	\$9.60	10.20	10.80	11.40	12.00	12.60	13.20	13.80	15.00	16.20	17.40	18.60		

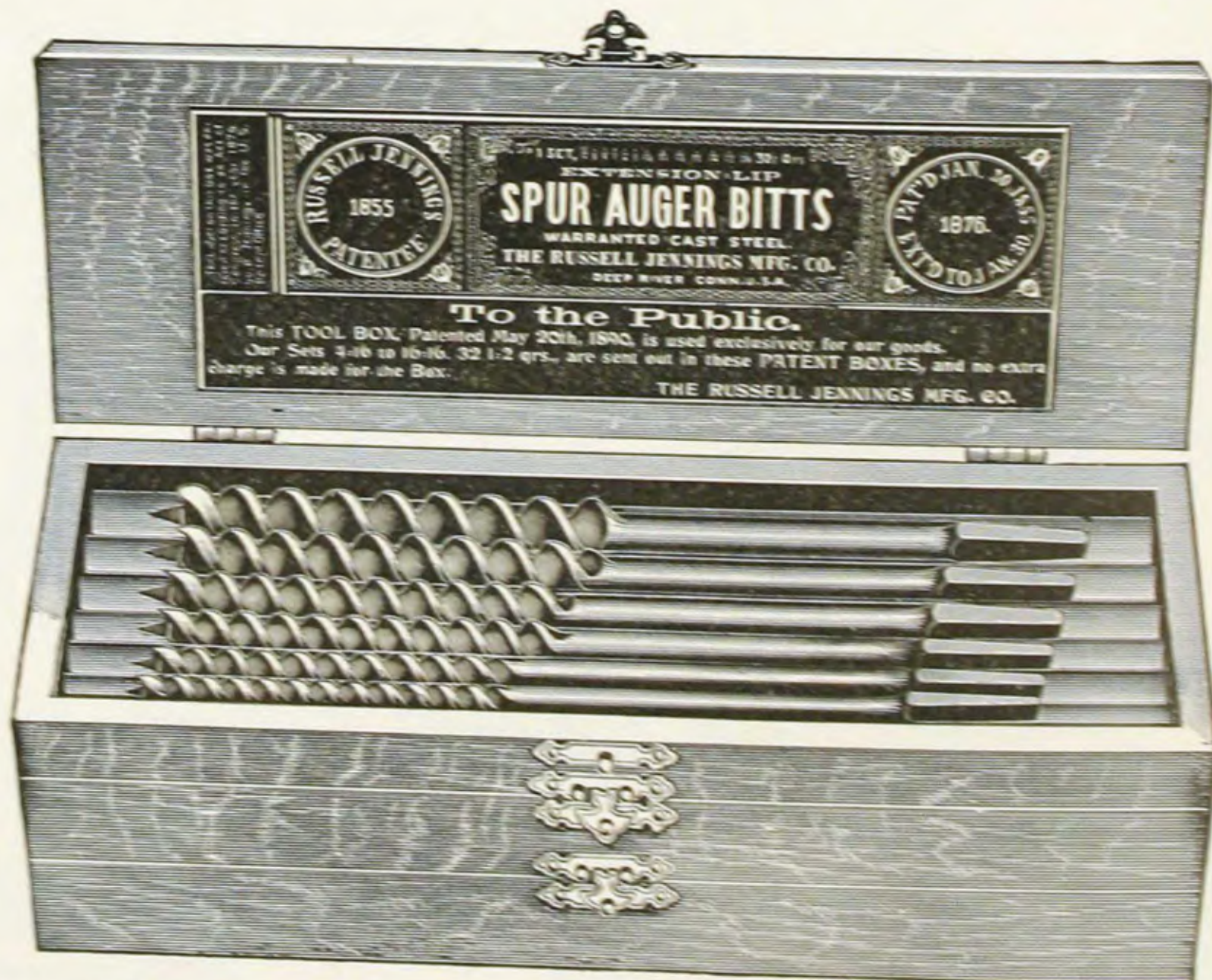
3 to 12 16ths, one dozen in a box; 13 to 32 16ths, half dozen.

ASSORTED IN SETS

- 24 Quarters—1 each, 4, 5, 7, 9, 11, and 12; 2 each 6, 8, and 10,
32 1/2 Quarters—1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, and 16,

per set, \$4.75
" " 6.25

The 32 1/2 Quarters are packed in patent boxes, as per illustration below.
Made of quartered oak, nicely finished, very strong and durable.
(These boxes are not sold separate from the Bits.)



Dowel Bits same price as Auger Bits. Long, 4 1/2 inches entire length; short, 3 inches.
Car Bits (12-inch Twist), double the price of Auger Bits.
Carpenters', Boring Machine, and Millwrights' Augers furnished to order.



MORSE TWIST DRILL AND MACHINE CO.'S DRILLS BIT STOCK DRILLS FOR METAL OR WOOD



No. 109

These Bit Stock Drills will fit any brace in the market, and will drill steel, iron, or other metals, as well as wood. They are not injured by contact with screws or nails, and will bore straight any kind of wood without splitting it.

Size, 32ds,	2	3	4	5	6	7	8	9	10	11	12	13	14
Per dozen,	\$1.50	1.65	2.10	2.60	3.10	3.60	4.10	4.70	5.40	6.30	7.20	8.00	8.80
Size, 32ds,	15	16	17	18	20	22	24	26	28	30	32		
Per dozen,	\$9.60	10.30	11.00	14.40	16.20	18.00	19.80	21.60	23.40	25.80	28.20		

One dozen in a wooden box.

In sets (9)—1 each, 2, 3, 4, 5, 6, 7, 8, 10, 12 32ds,
In sets (9)—1 each, as above, in round wooden box,

per set, \$2.60
" " 3.85

STRAIGHT SHANK DRILLS



No. 105

Size, inches,	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{3}{32}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{11}{64}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{7}{32}$	$\frac{15}{64}$	$\frac{1}{4}$	$\frac{17}{64}$
Length, inches,	2 $\frac{1}{2}$	2 $\frac{3}{8}$	2 $\frac{3}{4}$	2 $\frac{7}{8}$	3	3 $\frac{1}{8}$	3 $\frac{1}{4}$	3 $\frac{3}{8}$	3 $\frac{1}{2}$	3 $\frac{5}{8}$	3 $\frac{3}{4}$	3 $\frac{7}{8}$	4	4 $\frac{1}{8}$
Per dozen,	\$1.00	1.10	1.20	1.30	1.45	1.60	1.80	2.00	2.20	2.40	2.65	2.90	3.15	3.40
Size, inches,	$\frac{9}{32}$	$\frac{19}{64}$	$\frac{5}{16}$	$\frac{21}{64}$	$\frac{11}{32}$	$\frac{23}{64}$	$\frac{3}{8}$	$\frac{25}{64}$	$\frac{13}{32}$	$\frac{27}{64}$	$\frac{7}{16}$	$\frac{29}{64}$	$\frac{15}{32}$	$\frac{31}{64}$
Length, inches,	4 $\frac{1}{4}$	4 $\frac{3}{8}$	4 $\frac{1}{2}$	4 $\frac{5}{8}$	4 $\frac{3}{4}$	4 $\frac{7}{8}$	5	5 $\frac{1}{8}$	5 $\frac{1}{4}$	5 $\frac{3}{8}$	5 $\frac{1}{2}$	5 $\frac{5}{8}$	5 $\frac{3}{4}$	5 $\frac{7}{8}$
Per dozen,	\$3.65	3.90	4.20	4.50	4.80	5.10	5.40	5.70	6.00	6.40	6.80	7.20	7.50	7.75

STUBS' STEEL WIRE GAUGE DRILLS

No. 107

Nos. by Gauge,	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 to 40	41 to 45	46 to 60	61 to 70	71 to 80
Length, inches,	4	3 $\frac{11}{16}$	3 $\frac{1}{2}$	3 $\frac{1}{4}$	3 $\frac{1}{8}$	2 $\frac{13}{16}$	2 $\frac{5}{8}$	2 $\frac{7}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{8}$ to 1 $\frac{3}{4}$	1 $\frac{1}{2}$	1 $\frac{5}{16}$ to $\frac{3}{4}$
Per dozen,	\$2.35	2.25	2.10	1.95	1.75	1.55	1.40	1.25	1.10	.95	.90	1.00

PATENT INCREASE TWIST DRILLS, WITH MORSE TAPER SHANKS



No. 102

Diameter, inches.	Each.	Length, inches.	Socket for Morse Taper.	Diameter, inches.	Each.	Length, inches.	Socket for Morse Taper.	Diameter, inches.	Each.	Length, inches.	Socket for Morse Taper.
$\frac{1}{8}$	\$0.45	5 $\frac{1}{8}$	No. 1, \$1.20	$\frac{25}{32}$	\$2.00	9 $\frac{7}{8}$	No. 2, \$1.80	1 $\frac{7}{16}$	\$5.60	14 $\frac{3}{4}$	No. 4, \$4.00
$\frac{5}{32}$	.45	5 $\frac{3}{8}$		$\frac{13}{16}$	2.15	10		1 $\frac{15}{32}$	5.80	14 $\frac{7}{8}$	
$\frac{3}{16}$	.50	5 $\frac{3}{4}$		$\frac{27}{32}$	2.30	10 $\frac{1}{4}$		1 $\frac{1}{2}$	6.00	15	
$\frac{7}{32}$	.55	6		$\frac{7}{8}$	2.45	10 $\frac{1}{2}$		1 $\frac{17}{32}$	6.30	15	
$\frac{1}{4}$	.60	6 $\frac{1}{8}$		$\frac{29}{32}$	2.60	10 $\frac{5}{8}$		1 $\frac{9}{16}$	6.60	15 $\frac{1}{4}$	
$\frac{9}{32}$	.65	6 $\frac{1}{4}$		$\frac{15}{16}$	2.75	10 $\frac{3}{4}$		1 $\frac{19}{32}$	6.90	15 $\frac{1}{4}$	
$\frac{5}{16}$	.70	6 $\frac{3}{8}$		$\frac{31}{32}$	2.90	10 $\frac{7}{8}$		1 $\frac{5}{8}$	7.20	15 $\frac{1}{2}$	
$\frac{11}{16}$	.75	6 $\frac{1}{2}$		1	3.00	11		1 $\frac{21}{32}$	7.50	15 $\frac{1}{2}$	
$\frac{3}{8}$	.80	6 $\frac{3}{4}$		1 $\frac{1}{32}$	3.20	11 $\frac{1}{8}$		1 $\frac{11}{16}$	7.80	15 $\frac{3}{4}$	
$\frac{13}{32}$	.85	7		1 $\frac{1}{16}$	3.40	11 $\frac{1}{4}$		1 $\frac{23}{32}$	8.10	15 $\frac{3}{4}$	
$\frac{7}{16}$	.90	7 $\frac{1}{4}$		1 $\frac{3}{32}$	3.60	11 $\frac{1}{2}$		1 $\frac{3}{4}$	8.40	16	
$\frac{15}{32}$	.95	7 $\frac{1}{2}$		1 $\frac{1}{8}$	3.80	11 $\frac{3}{4}$		1 $\frac{25}{32}$	8.60	16	
$\frac{1}{2}$	1.00	7 $\frac{3}{4}$		1 $\frac{5}{32}$	4.00	11 $\frac{7}{8}$		1 $\frac{13}{16}$	8.80	16 $\frac{1}{4}$	
$\frac{17}{32}$	1.10	8		1 $\frac{3}{16}$	4.20	12		1 $\frac{27}{32}$	9.00	16 $\frac{1}{4}$	
$\frac{9}{16}$	1.20	8 $\frac{1}{4}$		1 $\frac{7}{32}$	4.40	12 $\frac{1}{8}$		1 $\frac{7}{8}$	9.20	16 $\frac{1}{2}$	
$\frac{19}{32}$	1.30	8 $\frac{1}{2}$		1 $\frac{1}{4}$	4.50	12 $\frac{1}{2}$		1 $\frac{29}{32}$	9.35	16 $\frac{1}{2}$	
$\frac{5}{8}$	1.40	8 $\frac{3}{4}$	No. 2, \$1.80	1 $\frac{9}{32}$	4.65	14 $\frac{1}{8}$	No. 4, \$4.00	1 $\frac{31}{32}$	9.50	16 $\frac{1}{2}$	
$\frac{21}{32}$	1.50	9		1 $\frac{5}{16}$	4.80	14 $\frac{1}{4}$		1 $\frac{15}{16}$	9.65	16 $\frac{1}{2}$	
$\frac{11}{16}$	1.60	9 $\frac{1}{4}$		1 $\frac{11}{32}$	5.00	14 $\frac{3}{8}$		2	9.80	16 $\frac{1}{2}$	
$\frac{23}{32}$	1.70	9 $\frac{1}{2}$		1 $\frac{3}{8}$	5.20	14 $\frac{1}{2}$					
$\frac{3}{4}$	1.85	9 $\frac{3}{4}$		1 $\frac{13}{32}$	5.40	14 $\frac{5}{8}$					

The above furnished by 64ths, if ordered.



STANDARD TOOL CO.'S DRILLS

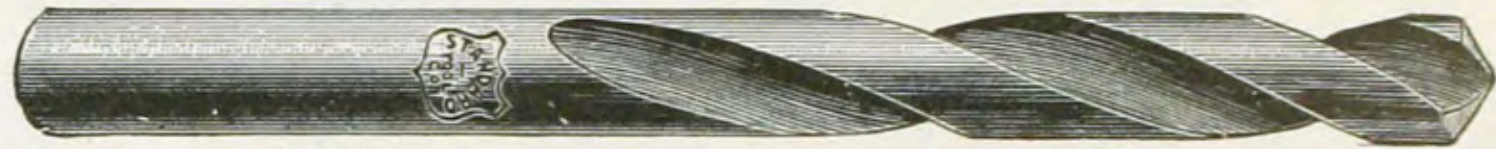
BIT STOCK DRILLS FOR METAL OR WOOD



No. 108

Size, inches,	$\frac{2}{32}$	$\frac{3}{32}$	$\frac{4}{32}$	$\frac{5}{32}$	$\frac{6}{32}$	$\frac{7}{32}$	$\frac{8}{32}$	$\frac{9}{32}$	$\frac{10}{32}$	$\frac{11}{32}$
Per dozen,	\$1.50	1.65	2.10	2.60	3.10	3.60	4.10	4.70	5.40	6.30
Size, inches,	$\frac{12}{32}$	$\frac{13}{32}$	$\frac{14}{32}$	$\frac{15}{32}$	$\frac{16}{32}$	$\frac{17}{32}$	$\frac{18}{32}$	$\frac{19}{16}$	$\frac{5}{8}$	$\frac{11}{16}$
Per dozen,	\$7.20	8.00	8.80	9.60	10.30	11.00	14.35	16.15	17.95	17.95
Size, inches,	$\frac{3}{4}$		$\frac{13}{16}$		$\frac{7}{8}$		$\frac{15}{16}$			1
Per dozen,	\$19.75		21.55		23.35		25.75			28.15
Assorted, $\frac{2}{32}$ to $\frac{8}{32}$ by 32ds; $\frac{10}{32}$ to $\frac{12}{32}$ by 16ths, boxed,										
One dozen in a box.										
										per set, \$2.60

STRAIGHT SHANK DRILLS



No. 105

Size, inches,	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{3}{32}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{11}{64}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{7}{32}$	$\frac{15}{64}$	$\frac{1}{4}$	$\frac{17}{64}$
Length, inches,	2 1/2	2 5/8	2 3/4	2 7/8	3	3 1/8	3 1/4	3 3/8	3 1/2	3 5/8	3 3/4	3 7/8	4	4 1/8
Per dozen,	\$1.00	1.10	1.20	1.30	1.45	1.60	1.80	2.00	2.20	2.40	2.65	2.90	3.15	3.40
Size, inches,	$\frac{9}{32}$	$\frac{19}{64}$	$\frac{5}{16}$	$\frac{21}{64}$	$\frac{11}{32}$	$\frac{23}{64}$	$\frac{3}{8}$	$\frac{25}{64}$	$\frac{13}{32}$	$\frac{27}{64}$	$\frac{7}{16}$	$\frac{29}{64}$	$\frac{15}{32}$	$\frac{31}{64}$
Length, inches,	4 1/2	4 3/8	4 1/2	4 5/8	4 3/4	4 7/8	5	5 1/8	5 1/4	5 3/8	5 1/2	5 5/8	5 3/4	5 7/8
Per dozen,	\$3.65	3.90	4.20	4.50	4.80	5.10	5.40	5.70	6.00	6.40	6.80	7.20	7.50	7.75
														8.00

NO. 107. STUBS' STEEL WIRE GAUGE DRILLS

Sizes, Nos.	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 to 40	41 to 45	46 to 60	61 to 70	71 to 80
Length, in.,	4	$3\frac{11}{16}$	$3\frac{1}{2}$	$3\frac{1}{4}$	$3\frac{1}{16}$	$2\frac{13}{16}$	$2\frac{5}{8}$	$2\frac{7}{16}$	$2\frac{1}{4}$	$2\frac{1}{16}$ - $1\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{5}{16}$ - $\frac{3}{4}$
Per dozen,	\$2.35	2.25	2.10	1.95	1.75	1.55	1.40	1.25	1.10	.95	.90	1.00

BLACKSMITHS' AND MACHINISTS' DRILLS



No. 110

No. 111

No. 112

Shanks $2\frac{1}{4}$ in. Long and $\frac{11}{16}$ in. Diam.			Shanks $2\frac{1}{2}$ in. Long and $\frac{1}{2}$ in. Diam.			Shanks $2\frac{1}{4}$ in. Long and $\frac{1}{2}$ in. Diam.		
Diameter, inches.	Length, inches.	Each.	Diameter, inches.	Length, inches.	Each.	Diameter, inches.	Length, inches.	Each.
$\frac{1}{8}$	4 7/8	\$0.55	$\frac{1}{8}$	5 1/8	\$0.45	$\frac{1}{8}$	4 7/8	\$0.45
$\frac{5}{32}$	5 5/8	.58	$\frac{5}{32}$	5 3/8	.45	$\frac{5}{32}$	4 7/8	.45
$\frac{3}{16}$	6	.60	$\frac{3}{16}$	5 3/8	.50	$\frac{3}{16}$	5 5/8	.50
$\frac{7}{32}$	6	.65	$\frac{7}{32}$	5 7/8	.55	$\frac{7}{32}$	5 5/8	.55
$\frac{1}{4}$	6	.70	$\frac{1}{4}$	6 1/8	.60	$\frac{1}{4}$	6	.60
$\frac{9}{32}$	6	.73	$\frac{9}{32}$	6 1/4	.65	$\frac{9}{32}$	6	.65
$\frac{5}{16}$	6	.75	$\frac{5}{16}$	6 3/8	.70	$\frac{5}{16}$	6	.70
$\frac{11}{32}$	6	.80	$\frac{11}{32}$	6 1/2	.75	$\frac{11}{32}$	6	.73
$\frac{3}{8}$	6	.85	$\frac{3}{8}$	6 3/4	.80	$\frac{3}{8}$	6	.75
$\frac{13}{32}$	6	.88	$\frac{13}{32}$	7	.85	$\frac{13}{32}$	6	.78
$\frac{7}{16}$	6	.90	$\frac{7}{16}$	7 1/4	.90	$\frac{7}{16}$	6	.80
$\frac{15}{32}$	6	.93	$\frac{15}{32}$	7 1/2	.95	$\frac{15}{32}$	6	.83
$\frac{1}{2}$	6	.95	$\frac{1}{2}$	7 3/4	1.00	$\frac{1}{2}$	6	.85
$\frac{17}{32}$	6	.98	$\frac{17}{32}$	8	1.10	$\frac{17}{32}$	6	.88
$\frac{9}{16}$	6	1.00	$\frac{9}{16}$	8 1/4	1.20	$\frac{9}{16}$	6	.90
$\frac{19}{32}$	6	1.03	$\frac{19}{32}$	8 1/2	1.30	$\frac{19}{32}$	6	.95
$\frac{5}{8}$	6	1.05	$\frac{5}{8}$	8 3/4	1.40	$\frac{5}{8}$	6	1.05
$\frac{21}{32}$	6	1.10	$\frac{21}{32}$	9	1.50	$\frac{21}{32}$	6	1.10
$\frac{11}{16}$	6	1.15	$\frac{11}{16}$	9 1/4	1.60	$\frac{11}{16}$	6	1.15
$\frac{3}{4}$	6	1.25	$\frac{3}{4}$	9 3/4	1.85	$\frac{3}{4}$	6	1.25
$\frac{13}{16}$	6	1.35	$\frac{13}{16}$	10	2.15	$\frac{13}{16}$	6	1.35
$\frac{7}{8}$	6	1.45	$\frac{7}{8}$	10 1/2	2.45	$\frac{7}{8}$	6	1.45
$\frac{15}{16}$	6	1.60	$\frac{15}{16}$	10 3/4	2.75	$\frac{15}{16}$	6	1.60
1	6	1.80	1	11	3.00	1	6	1.80



SNELL'S SHIP AUGERS

WITH OR WITHOUT SCREWS

Size, 8ths,	4	4½	5	5½	6	6½	7
Per dozen,	\$7.50	9.00	9.00	10.50	10.50	12.00	12.00
Size, 8ths,	7½	8	8½	9	9½	10	10½
Per dozen,	\$13.50	13.50	15.00	15.00	16.50	16.50	18.00
Size, 8ths,	11	11½	12	12½	13	13½	14
Per dozen,	\$18.00	21.00	21.00	24.00	24.00	25.50	25.50
Size, 8ths,	14½	15	15½	16	16½	17	17½
Per dozen,	\$27.00	27.00	31.50	31.50	48.00	48.00	60.00
Size, 8ths,	18	18½	19	19½	20	20½	21
Per dozen,	\$60.00	72.00	72.00	84.00	84.00	96.00	96.00
Size, 8ths,	21½	22	22½	23	23½	24	
Per dozen,	\$108.00	108.00	120.00	120.00	132.00	132.00	

18 inch Twist, 4 to 16 8ths inches,

per quarter, \$0.40

20 " " 4 to 16 8ths "

" " .48

Can also be supplied 22, 24, 30, and 36 inch Twist at proportionate advance.
Ship Augers with Eyes or Rings, advance 10 per cent.

SNELL'S SHIP AUGER PATTERN CAR BITS



12-INCH TWIST

Ship Auger
without Screw

Ship Auger
with Screw

Size, 8ths,	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½
Per dozen,	\$8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	14.00	14.50	15.00
Size, 8ths,	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15
Per dozen,	\$16.00	17.00	17.50	18.50	19.00	21.50	22.00	25.00	25.50	26.00	26.50	27.50	28.00

SNELL'S SHIP AUGER BITS

WITH OR WITHOUT SCREWS

Size, 8ths,	1 to 4	4½ and 5	5½ and 6	6½ and 7	7½ and 8	8½ and 9	9½ and 10
Per dozen,	\$6.00	7.50	9.00	10.50	12.00	13.50	15.00

In ordering Ship Augers and Bits, be particular to state whether they are wanted with or without screws.



Nos. 10 and 15



No. 430



NAIL SETS

No.	Per gross.
10 Round, Pol. Points, Assd.	\$5.50
15 " " " " Lge.	10.50
30 Octagon, Pol. Sq. Points, Assd.	10.00
430 Octagon, Assorted, Square and Round Polished Points,	10.00
Quarter gross in a box.	

KNURLED NAIL SETS CUPPED AND BEVELED POINT

No.	Size of Point, No.	Per dozen.
000	50	\$2.00
00	45	2.00
0	40	2.00
1	35	2.00
2	30	2.00
3	24	2.00

Size of Points taken from Stubs'
Wire Gauge.

HUNTER'S CUP POINT NAIL SETS

Size, 32ds,	2	3	4	5
Regular Assortment, per dozen,				\$1.80
Small " " " "				1.80
Above, one dozen in a box.				



MAYHEW'S DOUBLE CUT BITS NO. 200

ILLUSTRATIONS, FULL-SIZE



Nos.	0	1	2	3	4	5	6	Assorted, 1 to 6
Per dozen,	\$1.00	1.10	1.22	1.34	1.46	1.58	1.70	1.40

HARTWELL'S DOUBLE CUT BITS NO. 220

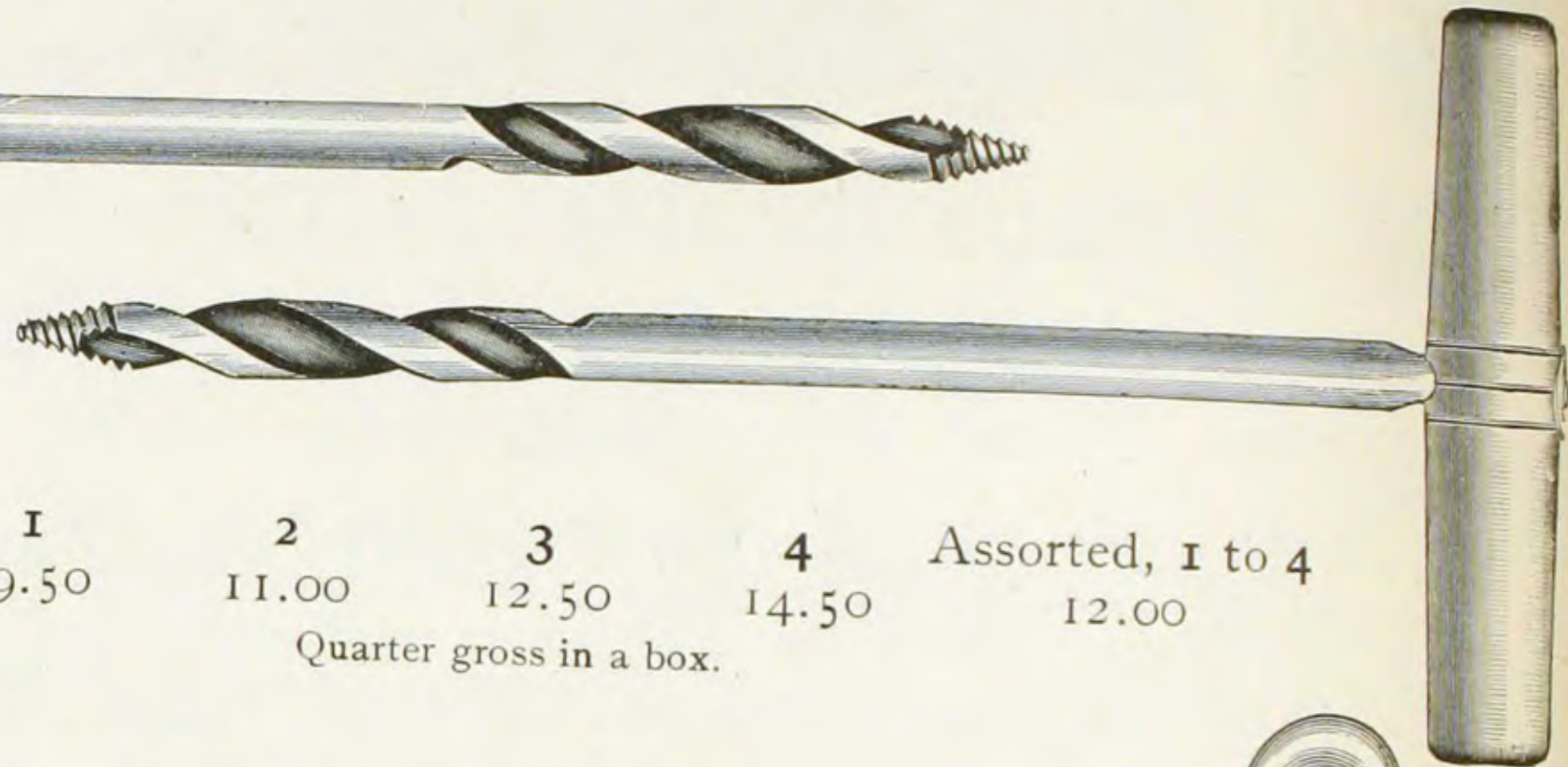
Nos.	0	1	2	3	4	5	6	Assorted, 1 to 6
Per dozen,	\$1.00	1.10	1.22	1.34	1.46	1.58	1.70	1.40

One dozen in a box.

MAYHEW'S DOUBLE CUT GIMLETS

With Wood Heads, No. 210

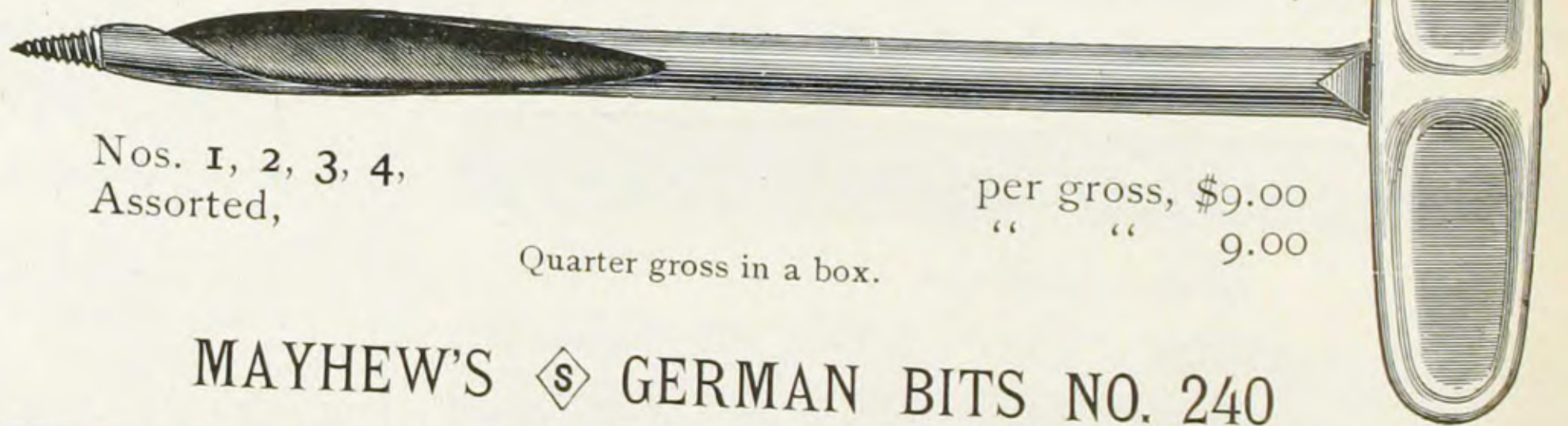
" Metal " No. 215



Nos.	1	2	3	4	Assorted, 1 to 4
Per gross,	\$9.50	11.00	12.50	14.50	12.00

Quarter gross in a box.

MAYHEW'S DIAMOND GIMLETS NO. 270

Nos. 1, 2, 3, 4,
Assorted,per gross, \$9.00
" " 9.00

Quarter gross in a box.

MAYHEW'S GERMAN BITS NO. 240Size, 32ds, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,
Assorted, 4 to 8 32ds,per dozen, \$1.25
" " 1.25

One dozen in a box.

MAYHEW'S POD BITS NO. 250

Size, 32ds, 4, 5, 6, 7, 8, 10,
Assorted, 4 to 8 32ds,per dozen, \$1.25
" " 1.25

One dozen in a box.



COUNTERSINKS

CAST STEEL



Rose, per dozen, \$1.50



Snail, per dozen, \$1.50



Wood, per dozen, \$1.50

MAYHEW'S COUNTERSINKS



No. 300 For Wood, Per dozen, \$2.00



No. 310 For Metal, Per dozen, \$2.00

MAYHEW'S DIAMOND COUNTERSINK BITS NO. 280



Assorted, Nos. 0 to 4,

No. 0, $\frac{5}{8}$ inch,No. 1, $\frac{6}{8}$ "No. 2, $\frac{7}{8}$ "bores $\frac{3}{4}$ inch.

" 1 "

" $1\frac{1}{4}$ "No. 3, $\frac{8}{8}$ inch,No. 4, $\frac{9}{8}$ "per dozen, \$2.00
bores $1\frac{1}{2}$ inch.
" $1\frac{3}{4}$ "

All above one dozen in a box.

WHEELER'S PATENT COUNTERSINKS

FOR WOOD



No. 18

No. 20 With Gauge,

Half dozen in a box.

per dozen, \$3.00
" " 4.50

CAST STEEL CENTER BITS



Size, inches,

 $\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$ $\frac{9}{16}$ $\frac{5}{8}$ $\frac{11}{16}$ $\frac{3}{4}$ $\frac{13}{16}$ $\frac{7}{8}$ $\frac{15}{16}$ 1

Black, per doz.,

\$0.91

\$1.00

1.06

1.12

1.18

1.25

Bright, " "

1.14

1.22

1.29

1.35

1.41

1.47

Size, inches,

 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$ $1\frac{5}{8}$ $1\frac{3}{4}$ $1\frac{7}{8}$

2

Black, per doz.,

\$1.50

1.75

2.00

2.25

2.50

2.75

3.00

3.50

Bright, " "

1.79

2.04

2.29

2.54

2.83

3.08

3.33

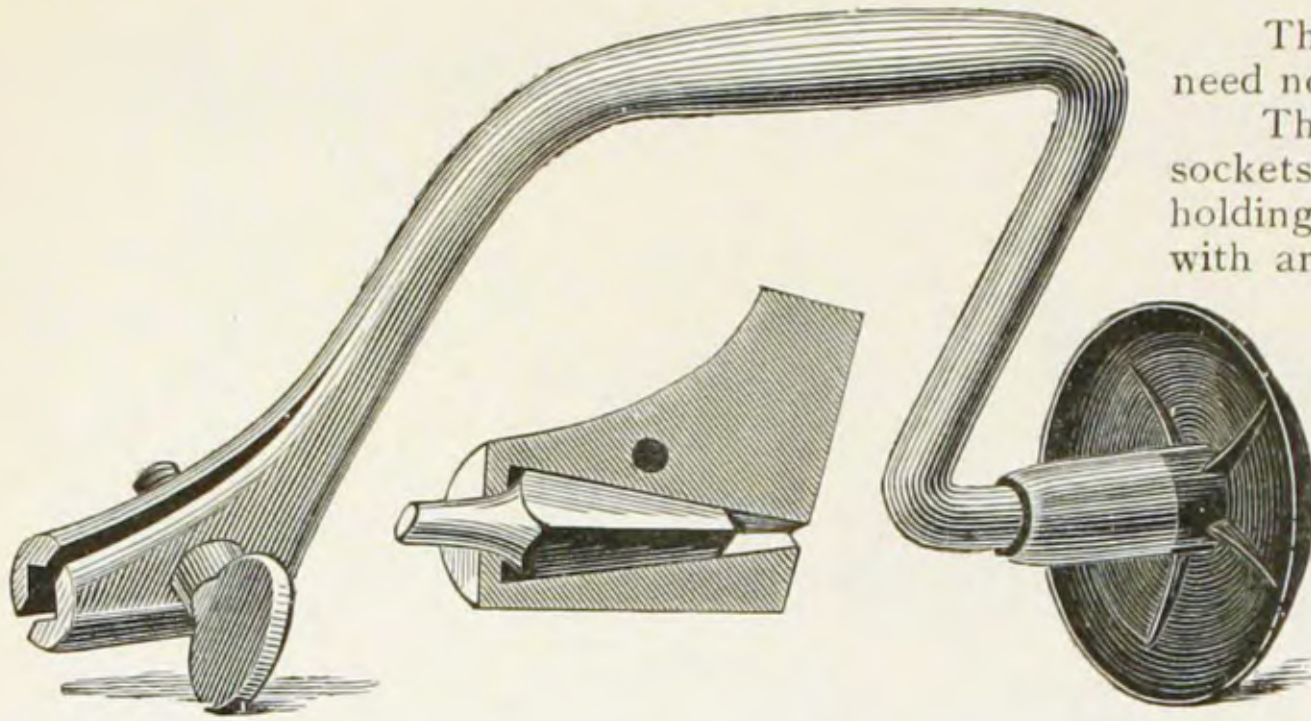
3.83

Assorted, $\frac{1}{8}$ to 1 inch, Black, \$1.04; Bright, \$1.26 per dozen.

One dozen in a box.



SPOFFORD'S PATENT BRACES

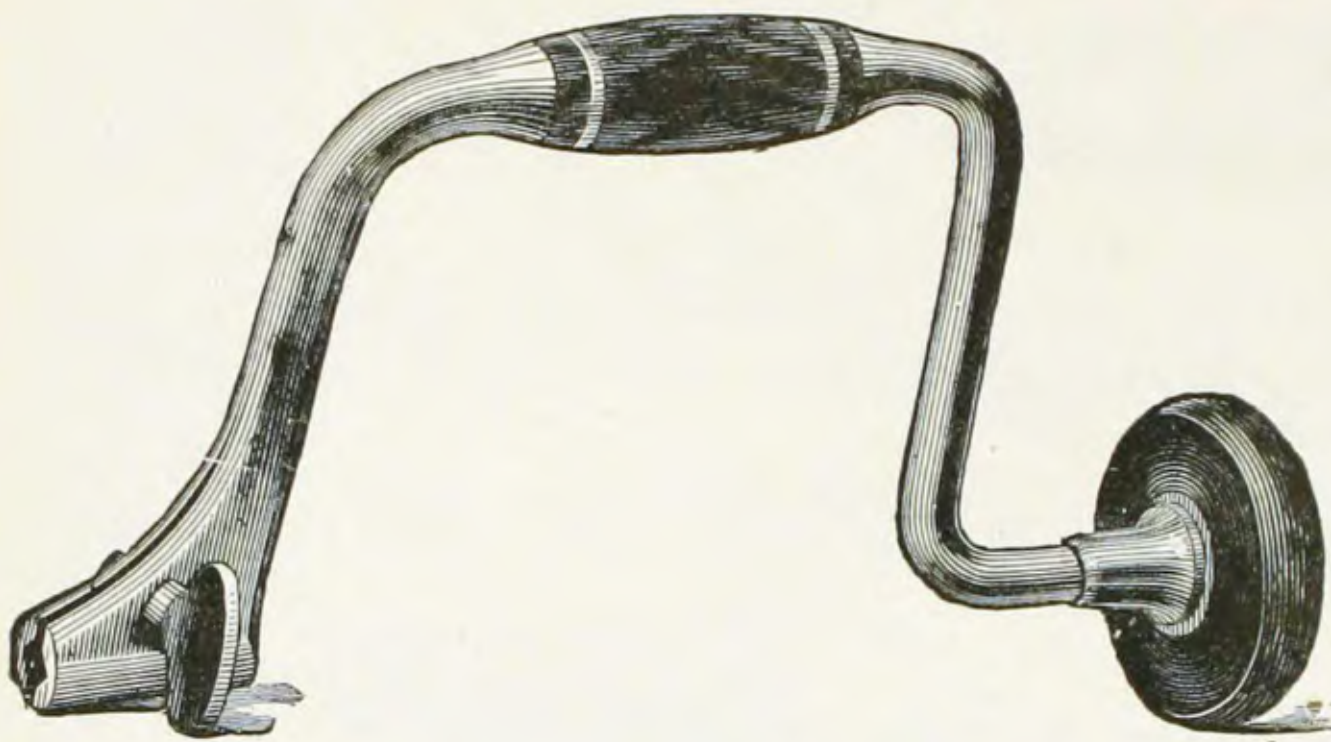


The merits of these Braces are now so well known that they need no recommendation.

They take Bits of all sizes just as they come, the jaws or sockets readily adjusting themselves to the taper of the Bit-shank, holding it firm and true. The smallest size, No. 7, is provided with an additional recess in the jaws of the socket, by which it holds small Twist Drills, etc., having only the round wire of the drill or reamer for a shank.

Thumb Screws made from the best Bessemer Steel Rods.

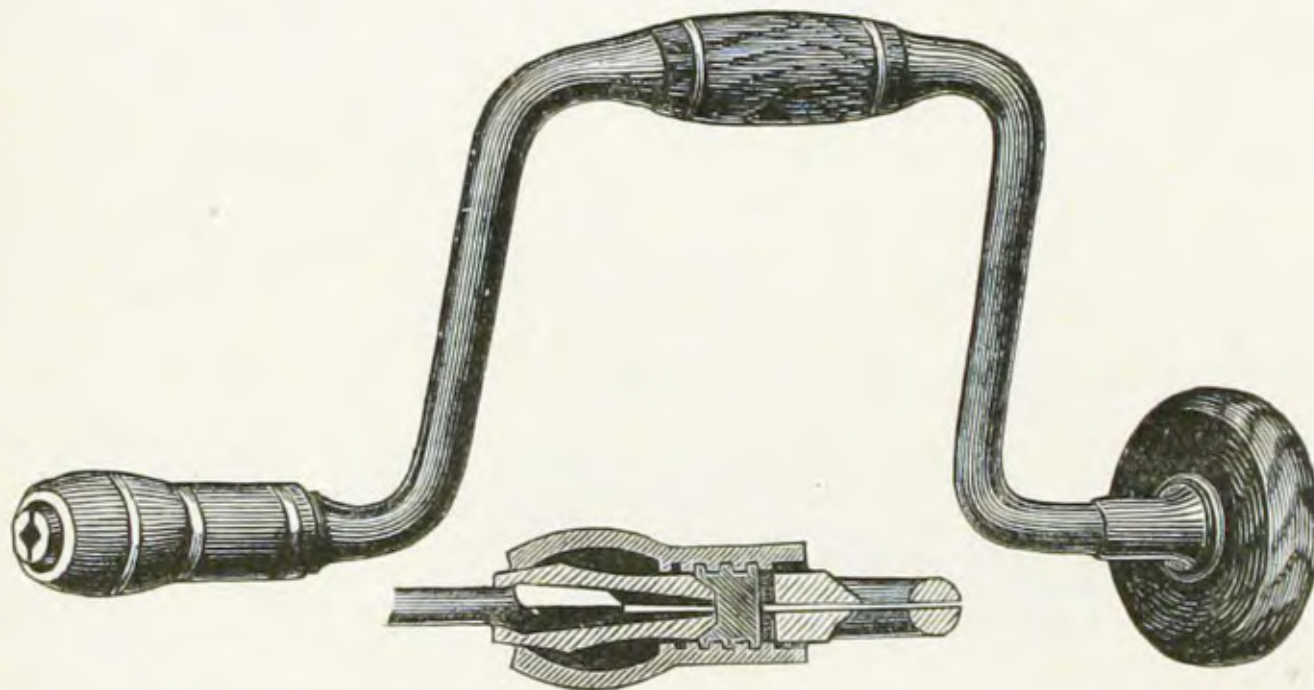
Nos.	7	8	10	12	14
Sweep, in.,	7	8	10	12	14
Per doz.,	\$16.00	19.00	22.00	25.00	28.00



SPOFFORD'S IMPROVED BRACES

NICKEL-PLATED, COCOBOLO HEAD, AND
REVOLVING HANDLE

Nos.	107	108	110
Sweep, in.,	7	8	10
Per doz.,	\$21.00	24.00	27.00
Nos.	112	114	117
Sweep, in.,	12	14	17
Per doz.,	\$30.00	33.00	36.00

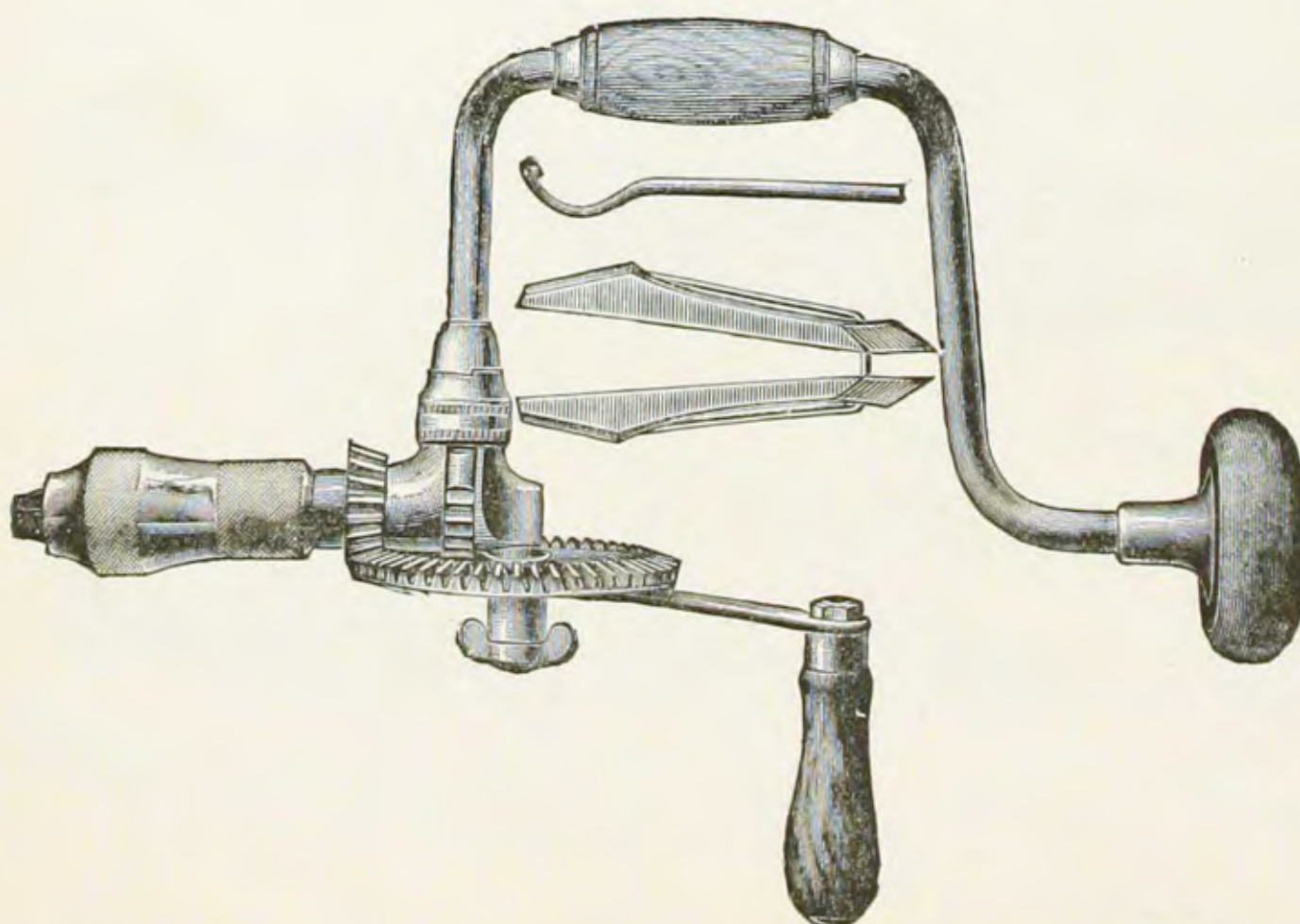


SPOFFORD'S SLEEVE BRACES

NICKEL-PLATED, WITH COCOBOLO HEAD
AND REVOLVING HANDLE

Nos.	70	80	100	120
Sweep, inches,	7	8	10	12
Per dozen,	\$21.00	24.00	27.00	30.00

Above half dozen in a box.



FRAY'S DRILL BRACES

BALL-BEARING HEAD

CORRECTLY CUT GEARS

WITH BREAST DRILL ATTACHMENT

Complete with 2 sets of jaws. One for ordinary Bits, the other for Round Shank Drills.

Per dozen, \$36.00

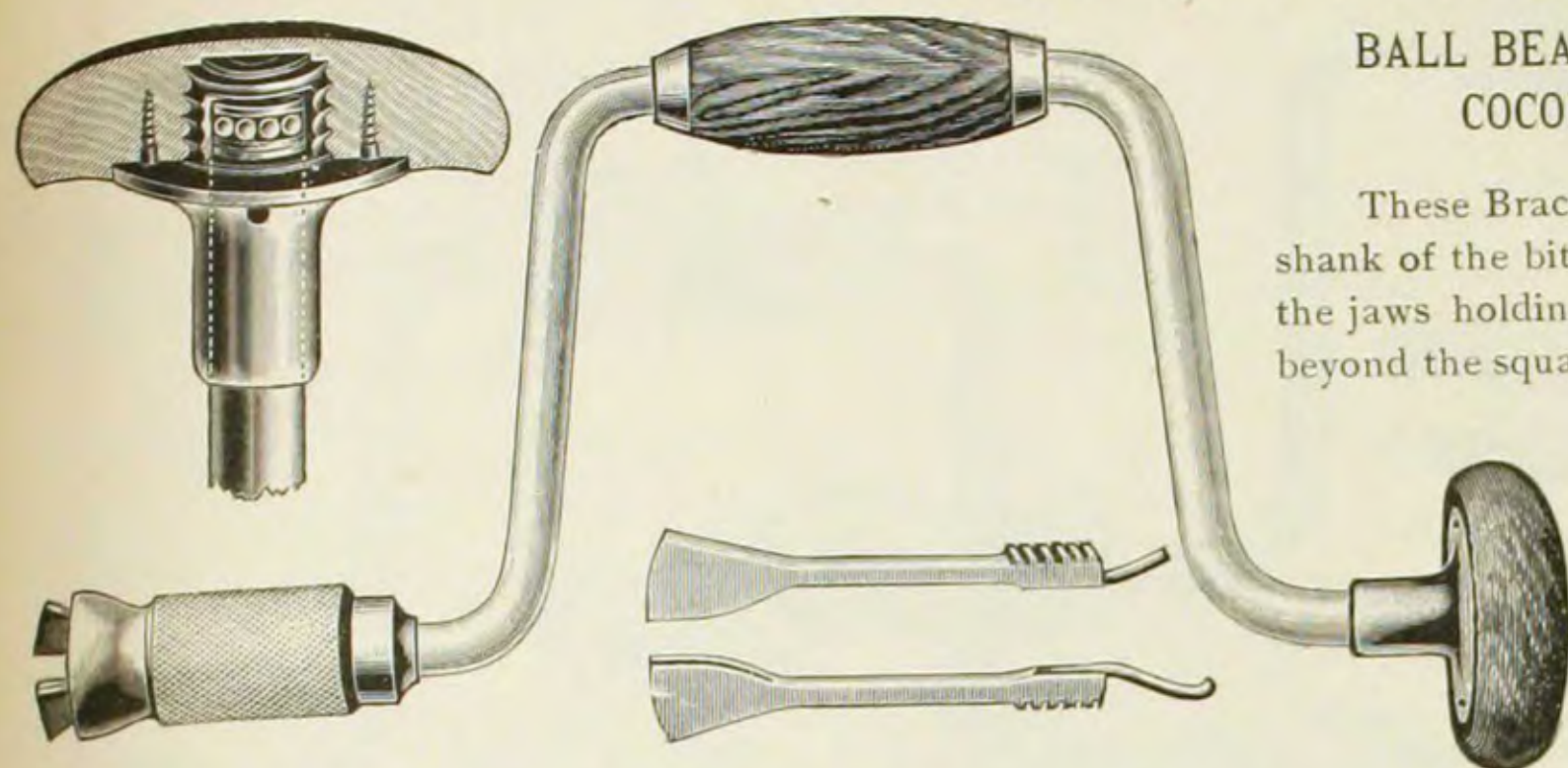
One in a box.



FRAY'S PATENT BRACES

BALL BEARING HEADS, NICKEL-PLATED,
COCOBOLO HEAD AND HANDLE

These Braces differ from others in that the square shank of the bit fits into a socket and is driven thereby, the jaws holding firmly by the round part of bit shank beyond the square, preventing its coming out.

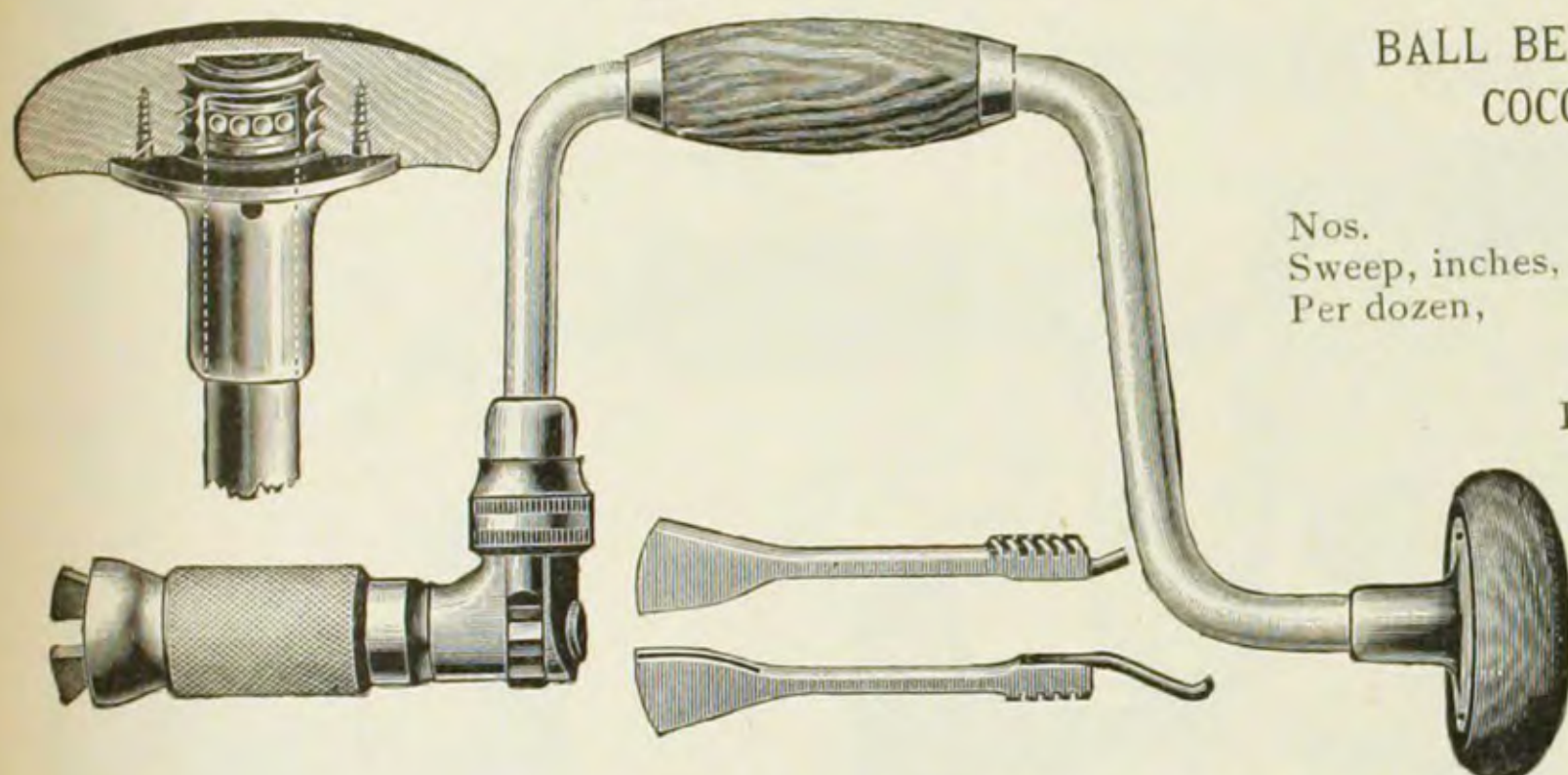


Nos.	606	608	610
Sweep, inches,	6	8	10
Per dozen,	\$21.00	22.00	24.00
No.	612	614	
Sweep, inches,	12	14	
Per dozen,	\$27.00	30.00	

Half dozen in a wooden box.

FRAY'S PATENT RATCHET BRACES

BALL BEARING HEADS, NICKEL-PLATED,
COCOBOLO HEAD AND HANDLE



Nos.	66	86	106	126	146
Sweep, inches,	6	8	10	12	14
Per dozen,	\$28.00	29.00	32.00	35.00	38.00

Half dozen in a wooden box.

FRAY'S IMPROVED SLEEVE BRACES

NICKEL-PLATED, COCOBOLO HEAD AND HANDLE

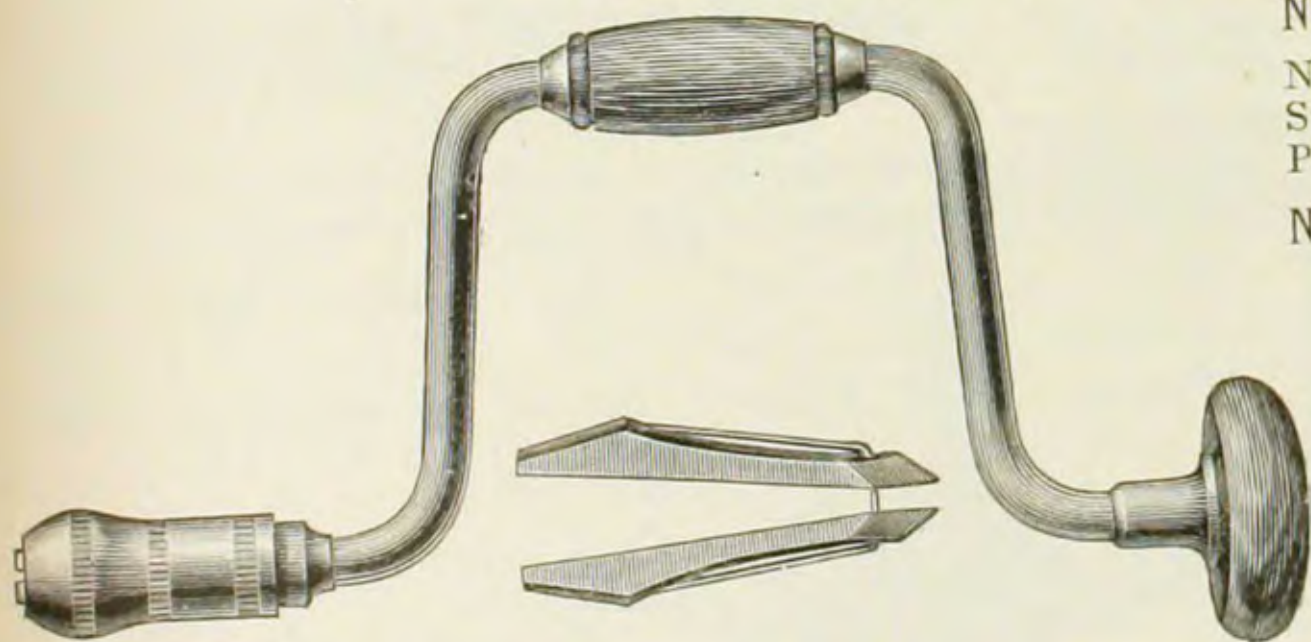
Nos.	206	207	208	210	212	214
Sweep, inches,	6	7	8	10	12	14
Per dozen,	\$21.00	22.00	24.00	27.00	30.00	33.00

NICKEL-PLATED, MAHOGANY-STAINED HEAD AND
HANDLE

Nos.	306	307	308	310	312	314
Sweep, inches,	6	7	8	10	12	14
Per dozen,	\$15.00	16.00	17.00	18.00	20.00	22.00

POLISHED, BLACK ENAMELED HEAD AND
HANDLE

Nos.	407	408	410	412	414
Sweep, inches,	7	8	10	12	14
Per dozen,	\$8.00	9.00	10.00	11.00	12.00



FRAY'S RATCHET BRACES

NICKEL-PLATED, COCOBOLO HEAD AND HANDLE

Nos.	61	81	101	121	141
Sweep, inches,	6	8	10	12	14
Per dozen,	\$32.00	33.00	36.00	39.00	42.00

NICKEL-PLATED, MAHOGANY-STAINED HEAD AND
HANDLE, BLUED JAWS

Nos.	62	82	102	122	142
Sweep, inches,	6	8	10	12	14
Per dozen,	22.00	24.00	27.00	30.00	33.00

POLISHED, BLACK ENAMELED HEAD AND
HANDLE

Nos.	83	103	123	143
Sweep, inches,	8	10	12	14
Per dozen,	\$18.00	19.00	21.00	23.00

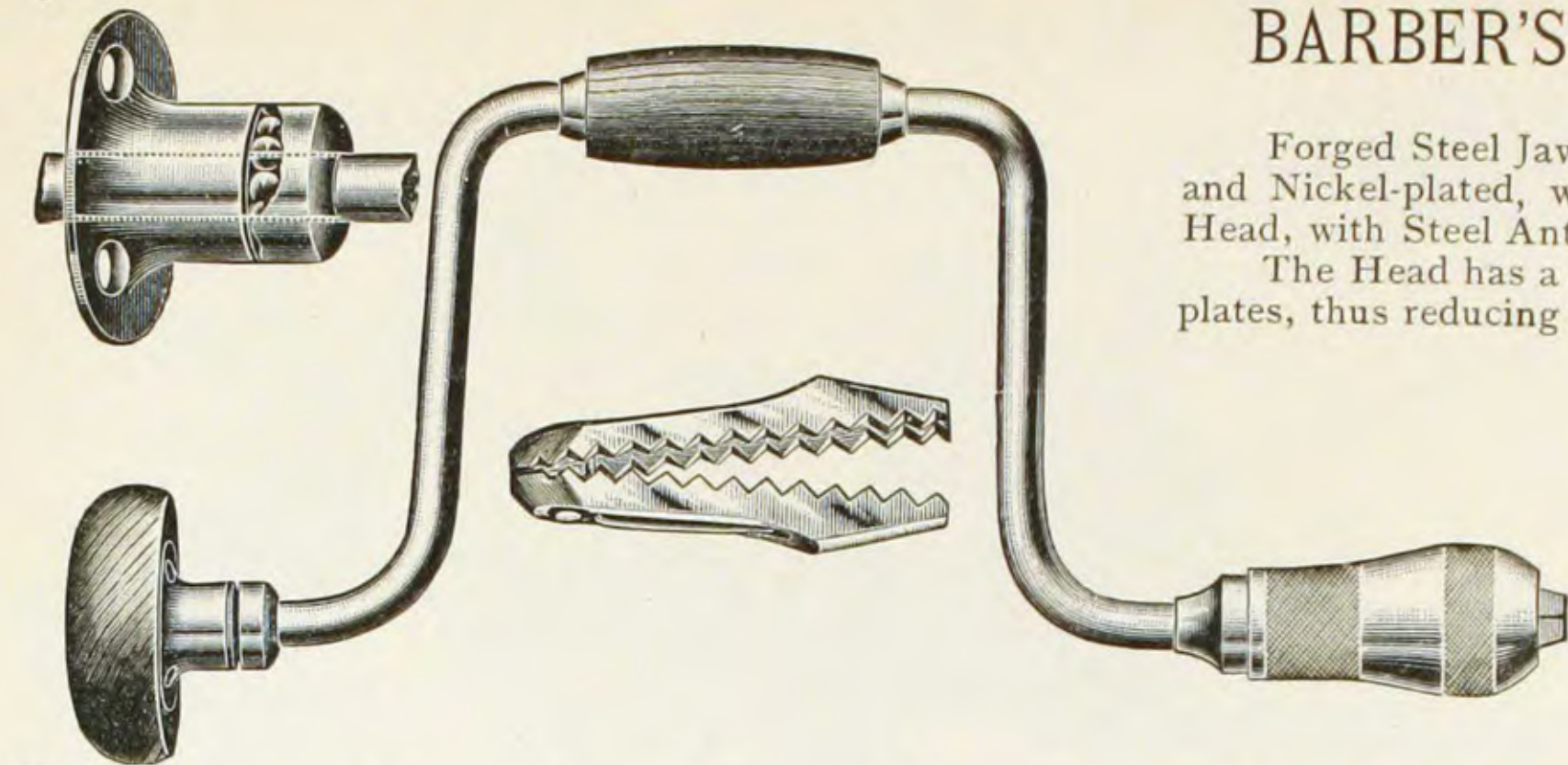
All above, half dozen in a box.



BARBER'S IMPROVED BRACES

Forged Steel Jaws, Rolled Steel Sweep, Highly Polished, and Nickel-plated, with Cocobolo Handle and Lignum-vita Head, with Steel Anti-friction Collar.

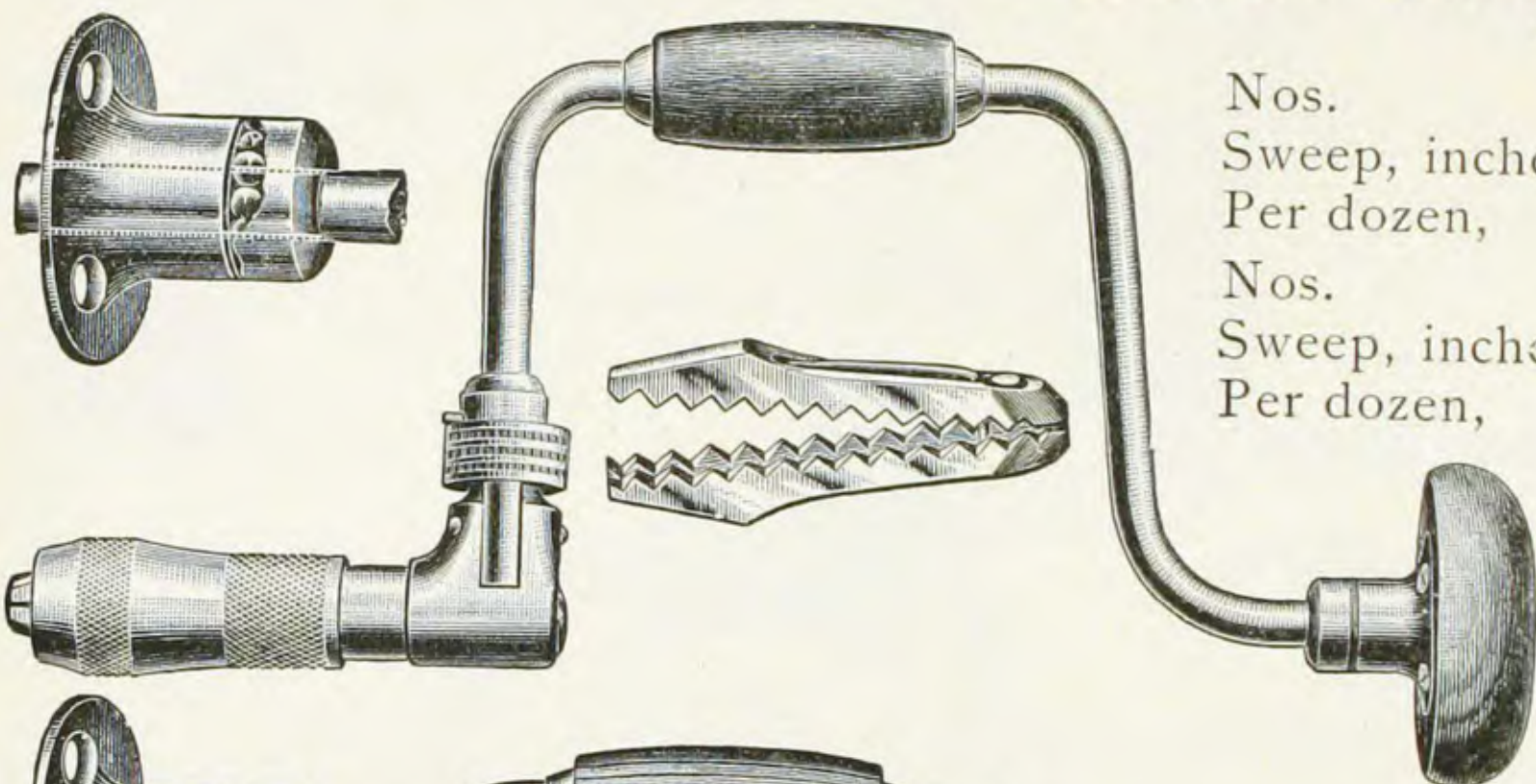
The Head has a bearing of steel balls on hardened steel plates, thus reducing the friction to a minimum.



Nos.	10	11	12	13	14	15	{ 16	With Chuck as on patent Tool Holder for Piano-makers' use.
Sweep, inches,	14	12	10	8	6	4	{ 4	
Per dozen,	\$33.00	30.00	27.00	24.00	21.00	20.00	20.00	

BARBER'S IMPROVED RATCHET BRACES

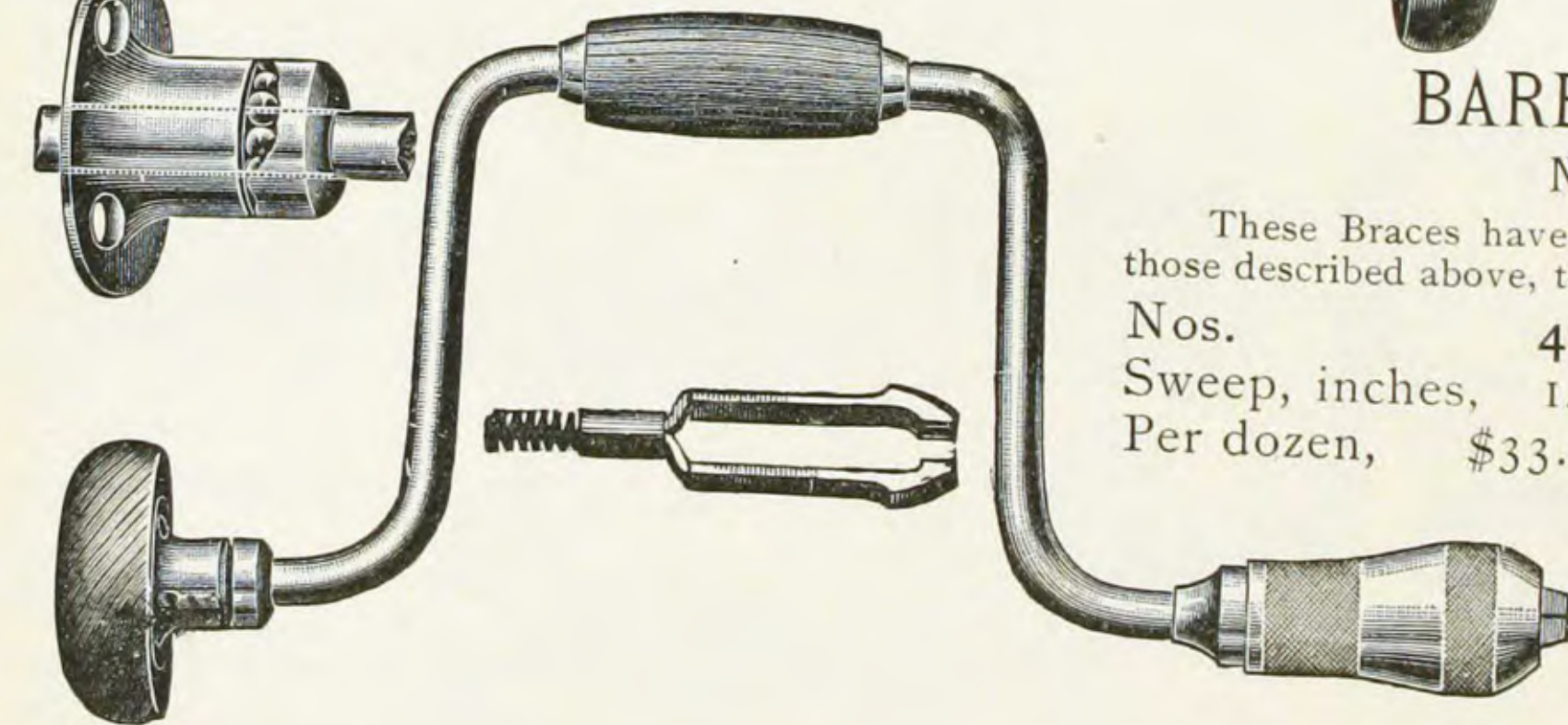
Same description as above.



Nos.	30	31	32
Sweep, inches,	14	12	10
Per dozen,	\$42.00	39.00	36.00
Nos.	33	34	
Sweep, inches,	8	6	
Per dozen,	\$33.00	30.00	

BARBER'S BRACES NICKEL-PLATED

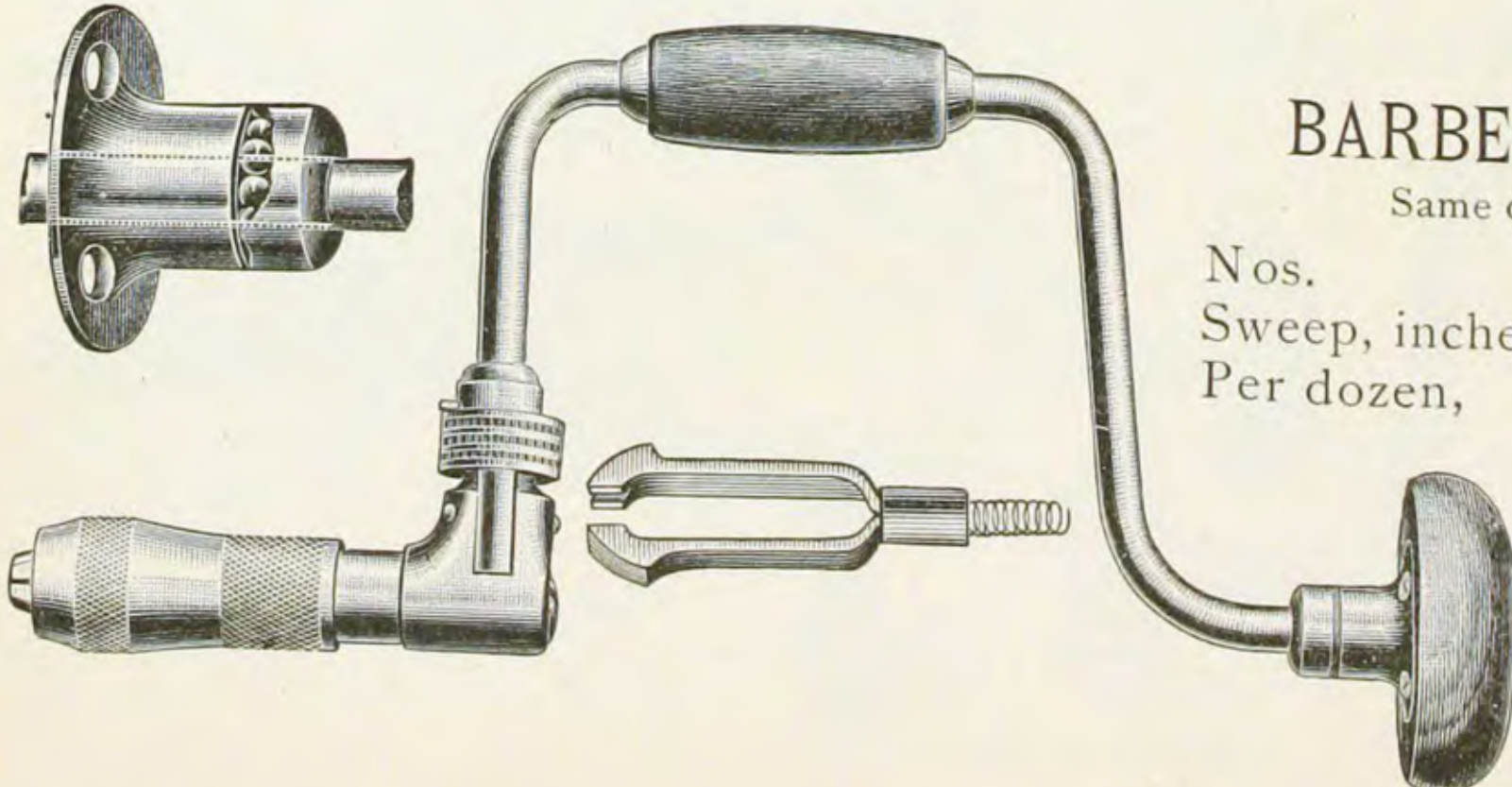
These Braces have same quality of material and finish as those described above, the difference being in style of jaw.



Nos.	40	41	42	43	44
Sweep, inches,	14	12	10	8	6
Per dozen,	\$33.00	30.00	27.00	24.00	21.00

BARBER'S RATCHET BRACES

Same description as Braces Nos. 40 to 44.



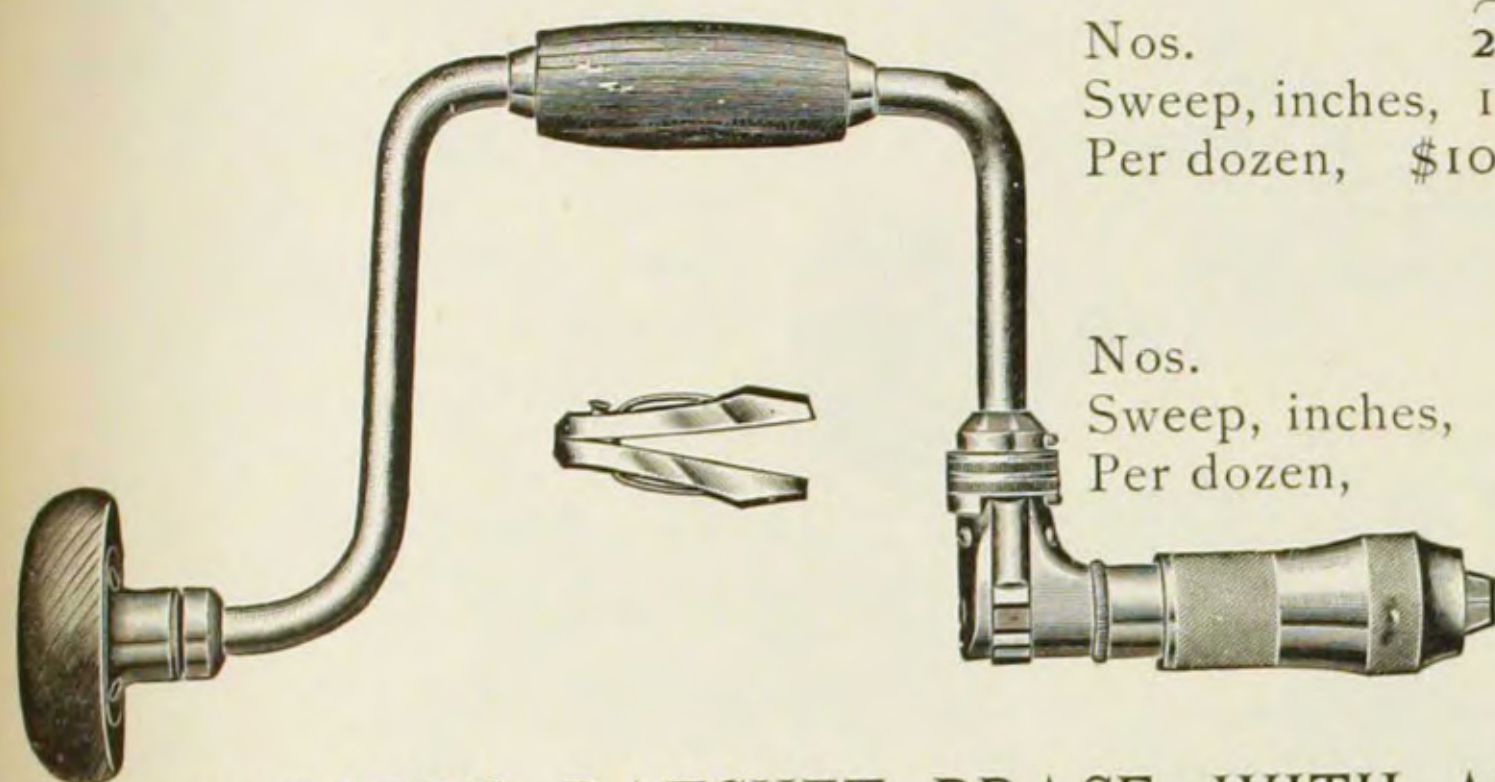
Nos.	61	62	63
Sweep, inches,	12	10	8
Per dozen,	\$39.00	36.00	33.00

All above, half dozen in a box.



BARBER'S IMPROVED PATENT BRACES

These braces are made of Steel, polished. The heads and handles are stained in imitation of cocobolo. The Jaws and Iron Quill are as seen in the cut. They also have a new Anti-Friction Steel Collar. The threads are all lathe cut and all parts of the brace are made for durability.



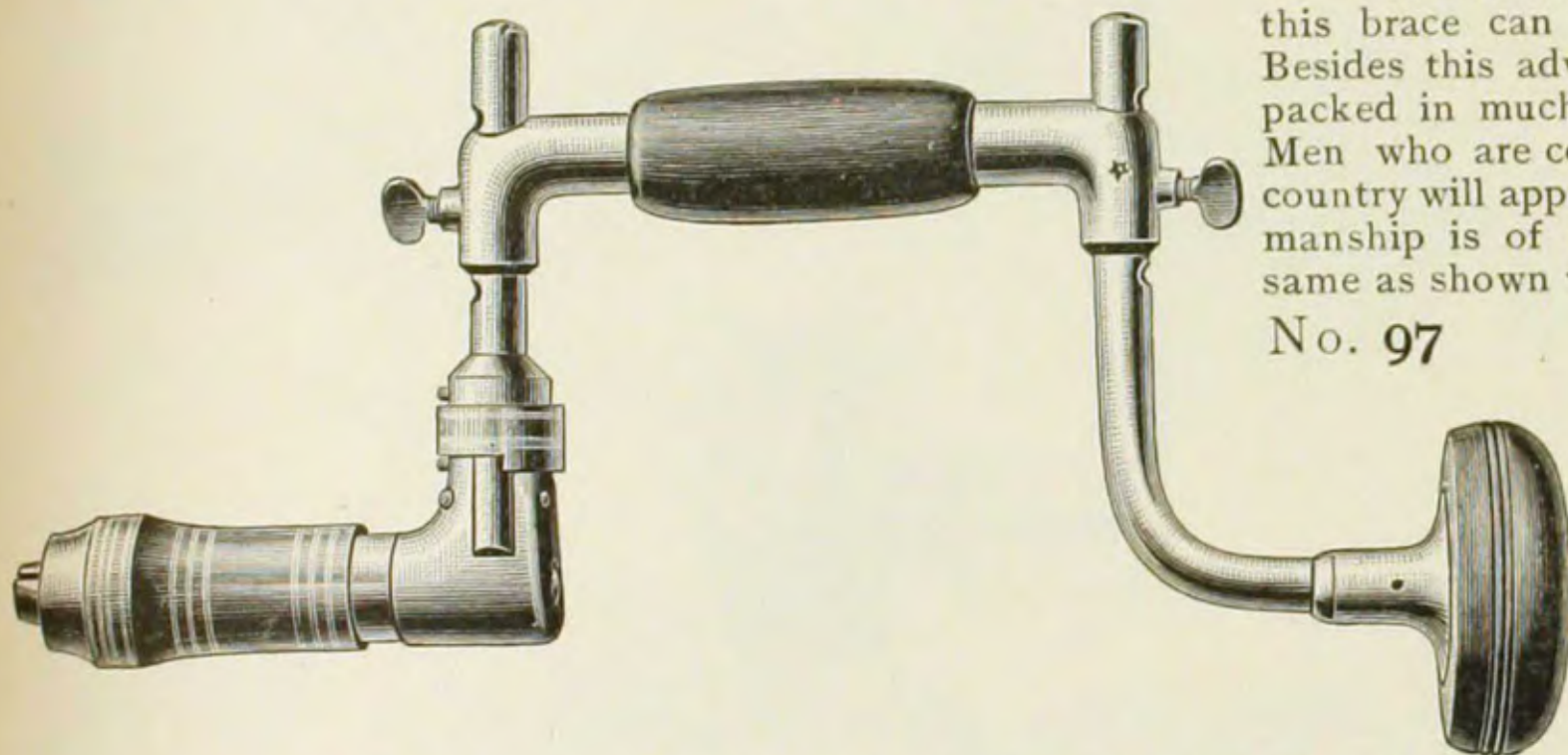
Nos.	Regular.			Ratchet.	
	21	22	23	122	123
Sweep, inches,	12	10	8	10	8
Per dozen,	\$10.60	9.40	8.20	18.80	17.50

NICKEL-PLATED

Nos.	Regular.		Ratchet.	
	222	223	322	323
Sweep, inches,	10	8	10	8
Per dozen,	\$10.70	9.50	20.80	19.50

Half dozen in a box.

BARBER'S RATCHET BRACE, WITH ADJUSTABLE SWEEP



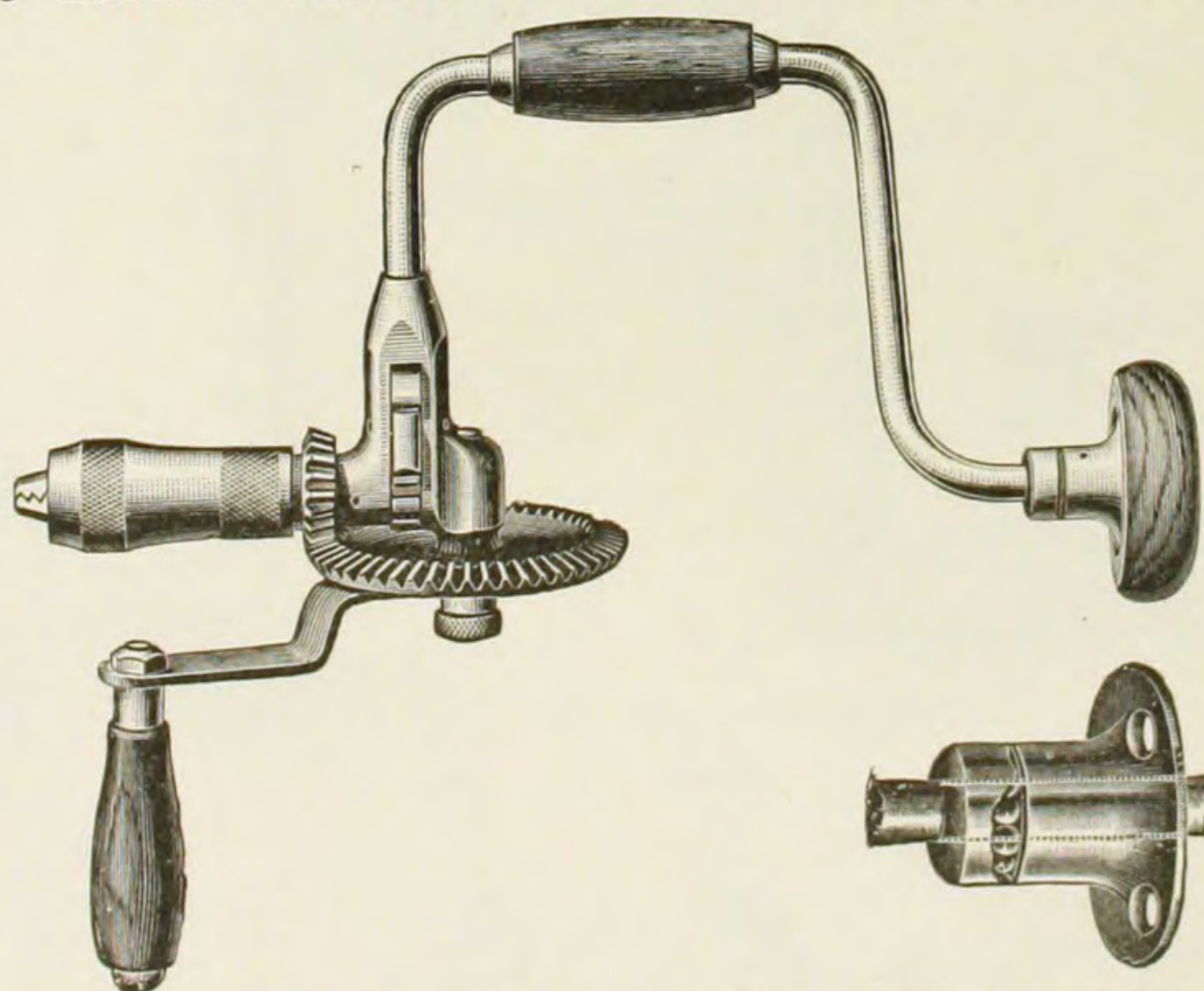
The cut shows the manner in which the sweep to this brace can be adjusted to either 8, 10, or 12 inch. Besides this advantage, it can also be taken apart and packed in much smaller space than the ordinary brace. Men who are compelled to carry such a tool about the country will appreciate this feature. The stock and workmanship is of our very highest order. The jaws are same as shown with Braces No. 10.

No. 97

per dozen, \$43.00

Half dozen in a box.

MILLER'S FALLS DRILL BRACE, WITH BALL BEARINGS



To be used as an ordinary ratchet Bit Brace, or as a Breast Drill. The Brace is 10-inch sweep, and of same quality and finish as Braces No. 10.

The Drill can be attached or detached in a moment's time.

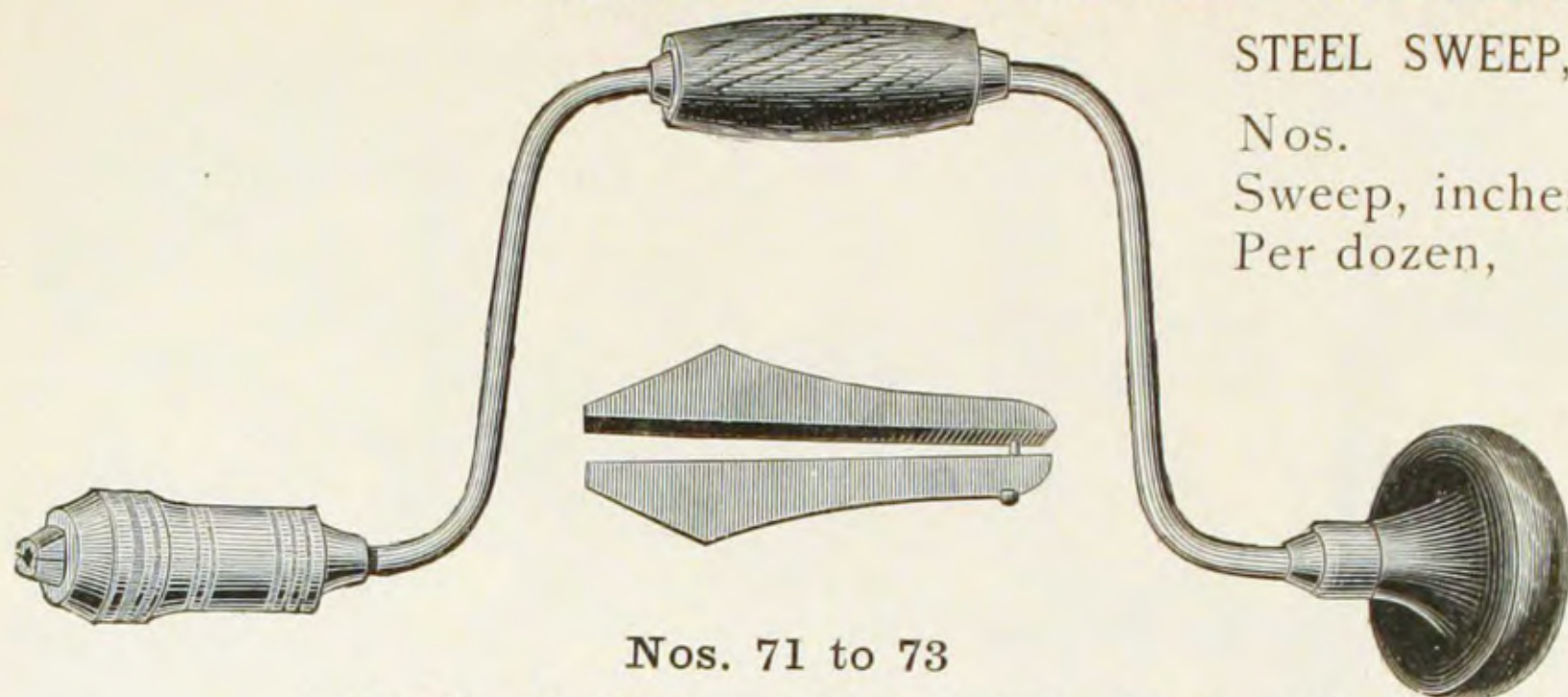
Complete,

One in a box.

per dozen, \$36.00



BARBER'S IMPROVED PATENT BRACES



STEEL SWEEP, HARD MAPLE HEAD AND HANDLE			
Nos.	71	72	73
Sweep, inches,	12	10	8
Per dozen,	\$8.00	7.50	7.00

WITH RATCHET

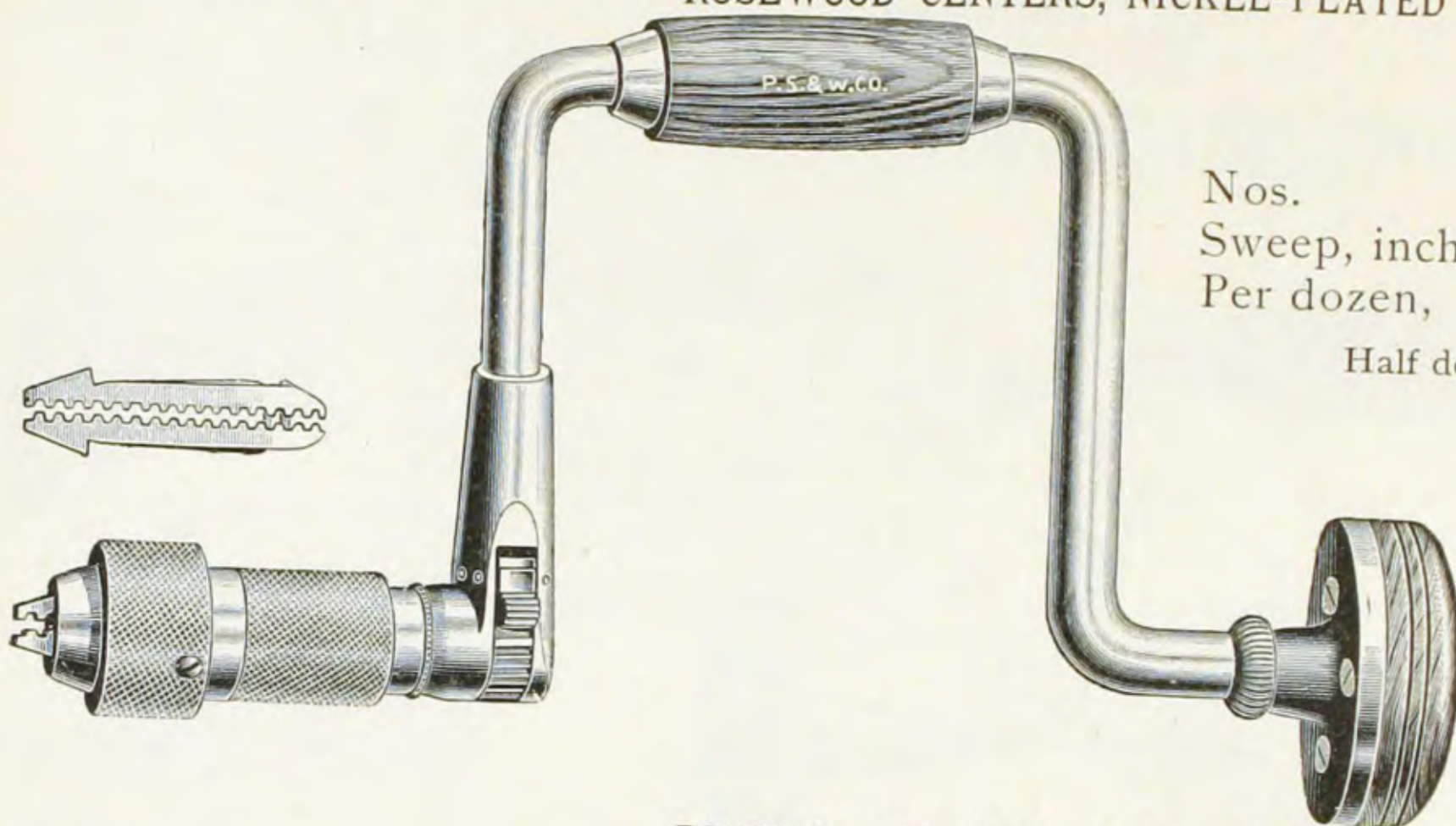
Nos.	82	83
Sweep, inches,	10	8
Per dozen,	\$16.00	15.00

Half dozen in a package.

Nos. 71 to 73

P. S. & W. CO.'S NEW SERIES RATCHET BRACES

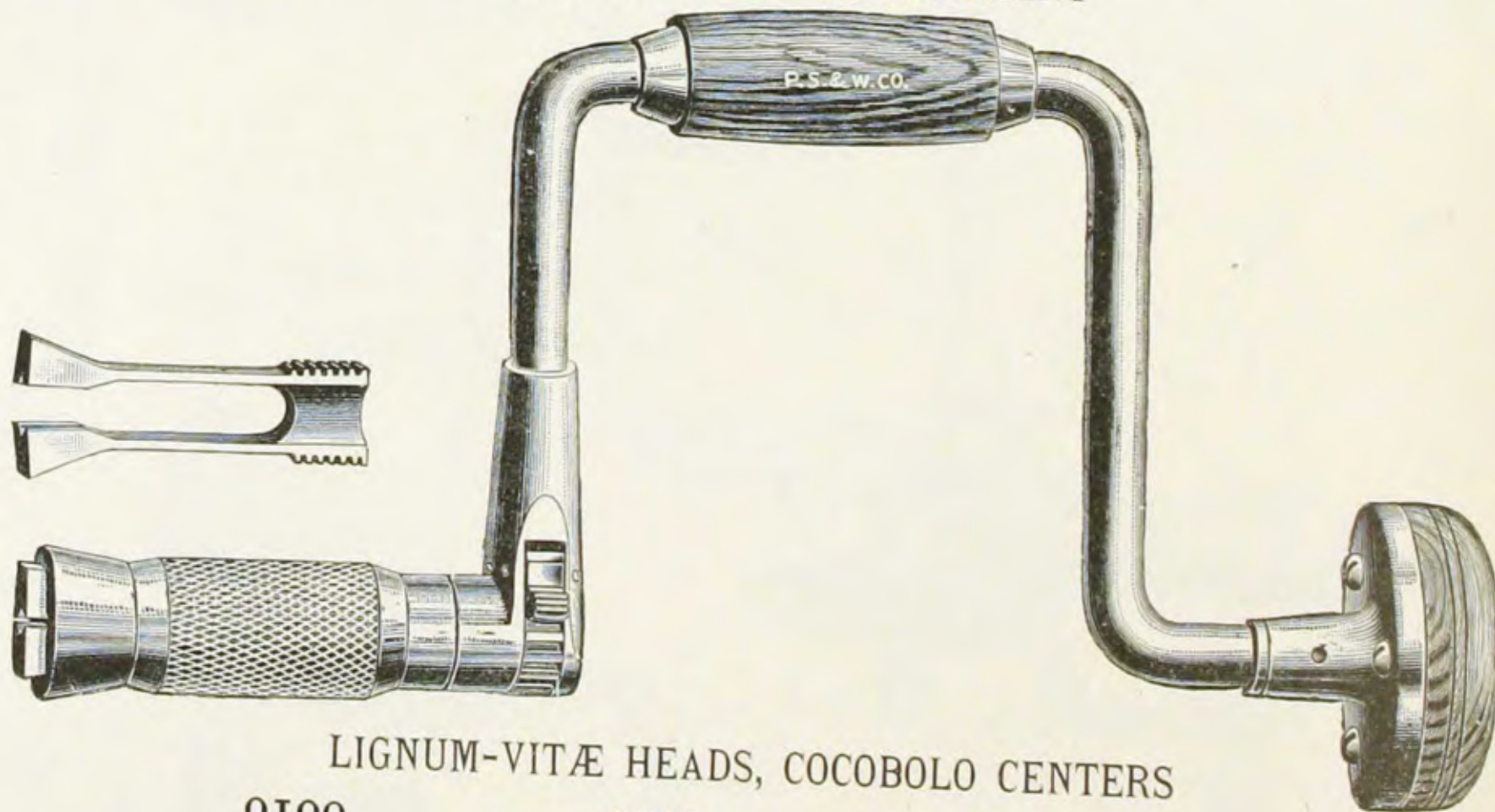
WITH BALL BEARING HEAD FITTED WITH SAMSON BALL BEARING CHUCK, LIGNUM-VITÆ HEADS
ROSEWOOD CENTERS, NICKEL-PLATED



Nos.	1201	1202	1203
Sweep, inches,	12	10	8
Per dozen,	\$55.00	52.00	49.00

Half dozen in a hinged wooden box.

PECK'S ADJUSTABLE BRACES WITH RATCHET ATTACHMENT



LIGNUM-VITÆ HEADS, COCOBOLO CENTERS

Nos.	0100	0101	0102	0103	0104
Sweep, inches,	14	12	10	8	6
Per dozen,	\$52.50	46.00	42.75	39.00	37.00

BALL BEARINGS

LIGNUM-VITÆ HEADS, COCOBOLO CENTERS

Nos.	1000	1001	1002	1003	1004
Sweep, inches,	14	12	10	8	6
Per dozen,	\$54.50	49.00	45.00	39.50	37.50

Half dozen in a hinged wooden box.



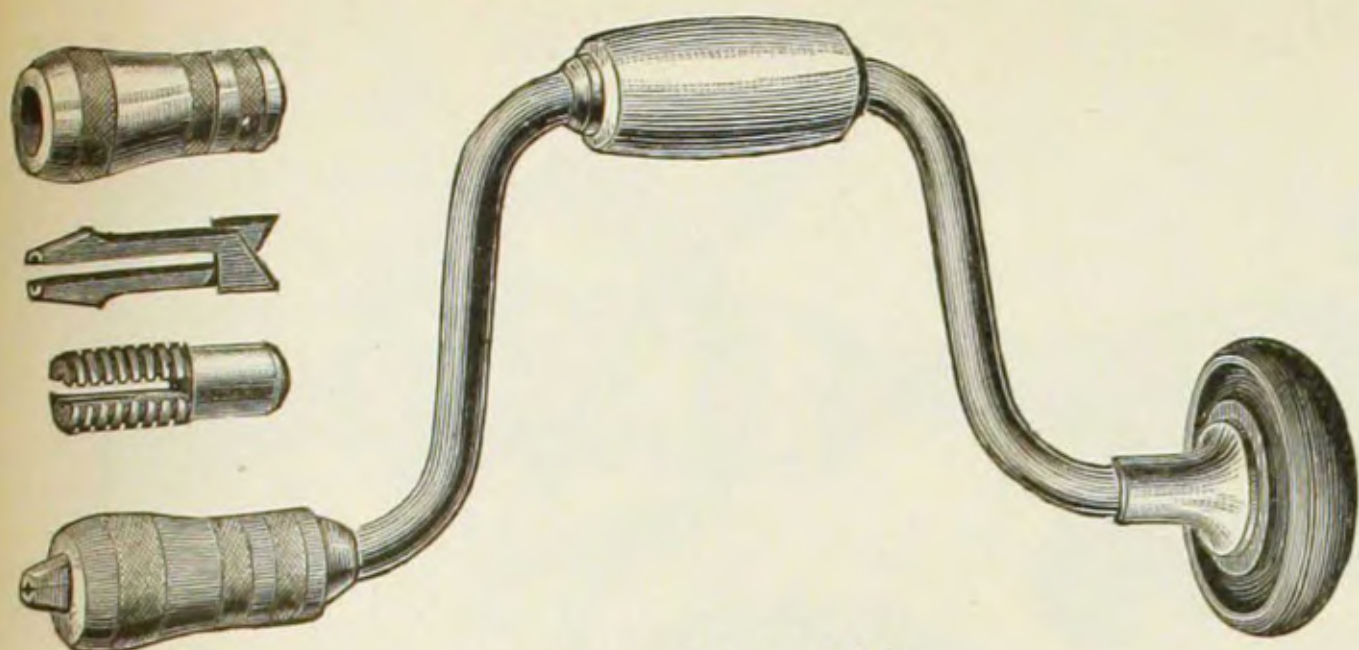
IMPROVED BRACES

STEEL SWEEP, BLACK WALNUT HEAD
AND HANDLE

Nos.	73	75	76
Sweep, inches,	8	10	12
Per dozen,	\$9.00	10.00	11.00

NICKEL-PLATED STEEL SWEEP, BLACK
WALNUT HEAD AND HANDLE

Nos.	173	175	176
Sweep, inches,	8	10	12
Per dozen,	\$13.00	14.00	15.00

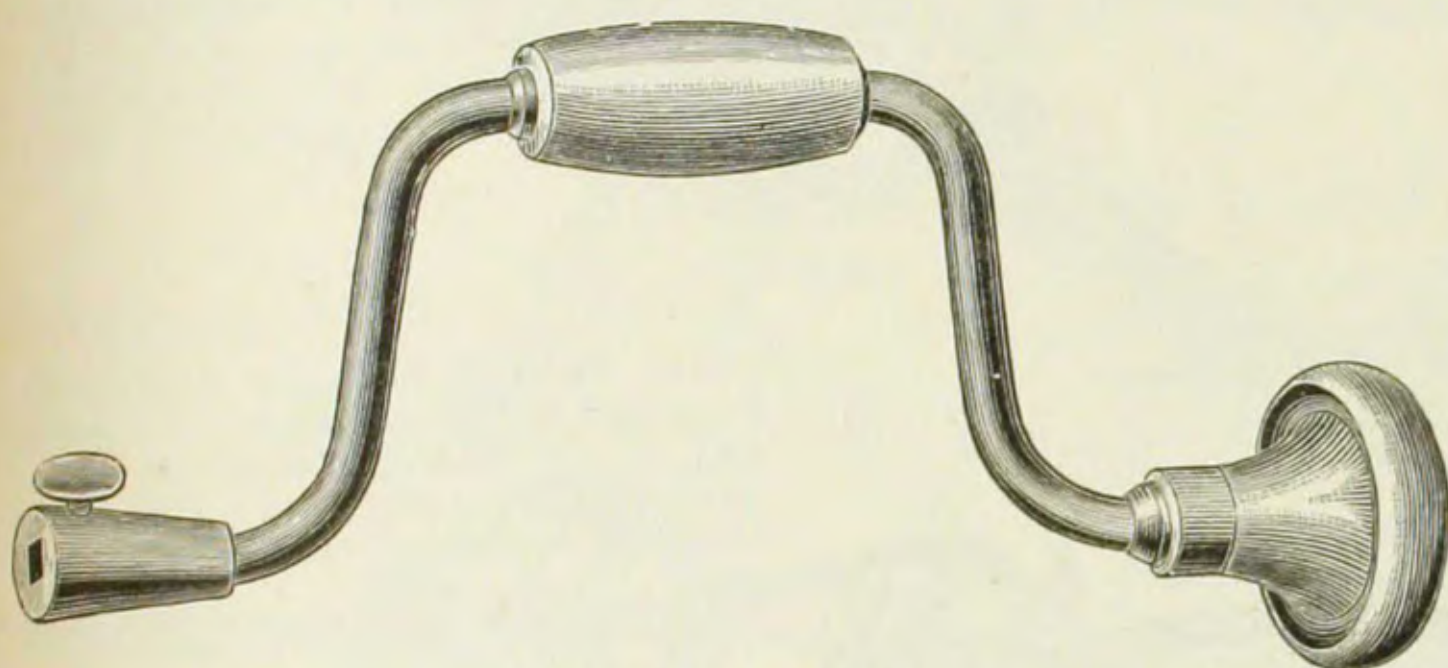


Nos. 73 to 176

BALL BRACES

MAPLE HEAD AND HANDLE

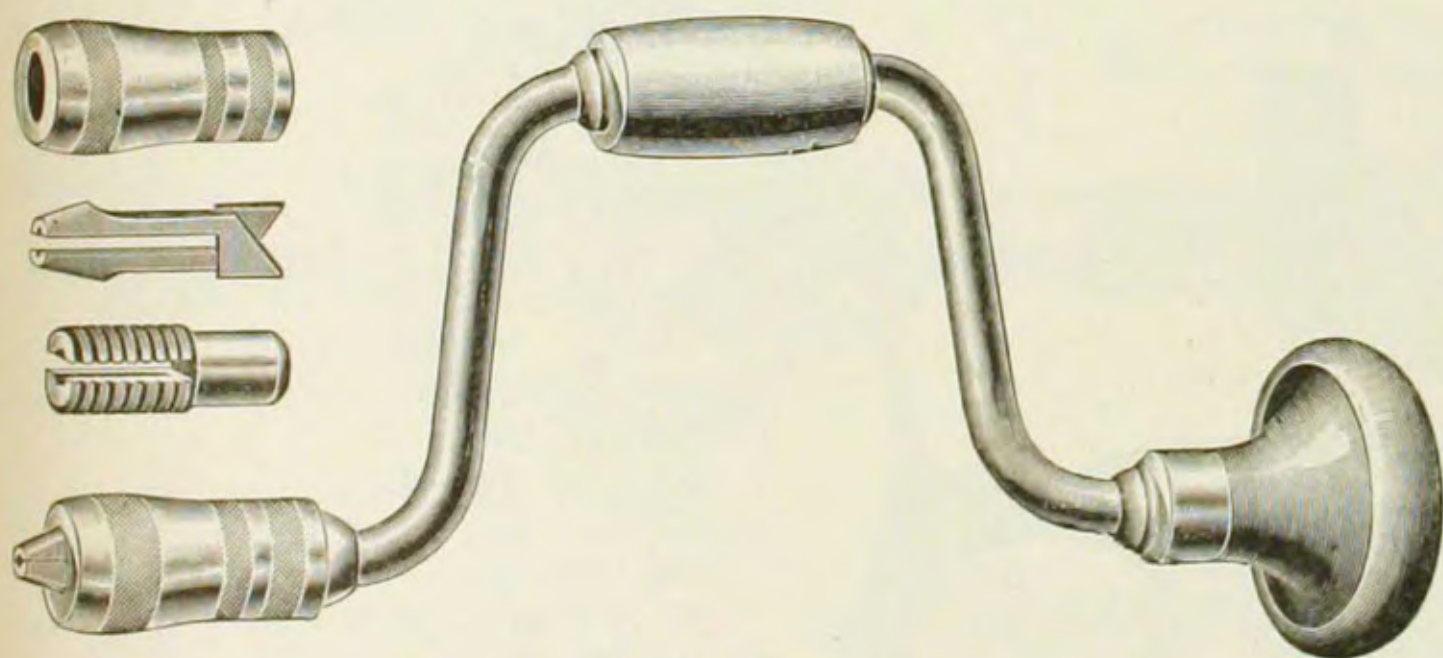
Nos.	25	27	30
Sweep, inches,	8 1/2	8 1/2 heavy	10
Per dozen,	\$3.50	4.00	4.00



Nos. 25 to 30

MAPLE HEAD AND HANDLE

Nos.	117	118	119
Sweep, inches,	8	8 1/2	10 1/2
Per dozen,	\$7.00	7.50	8.00

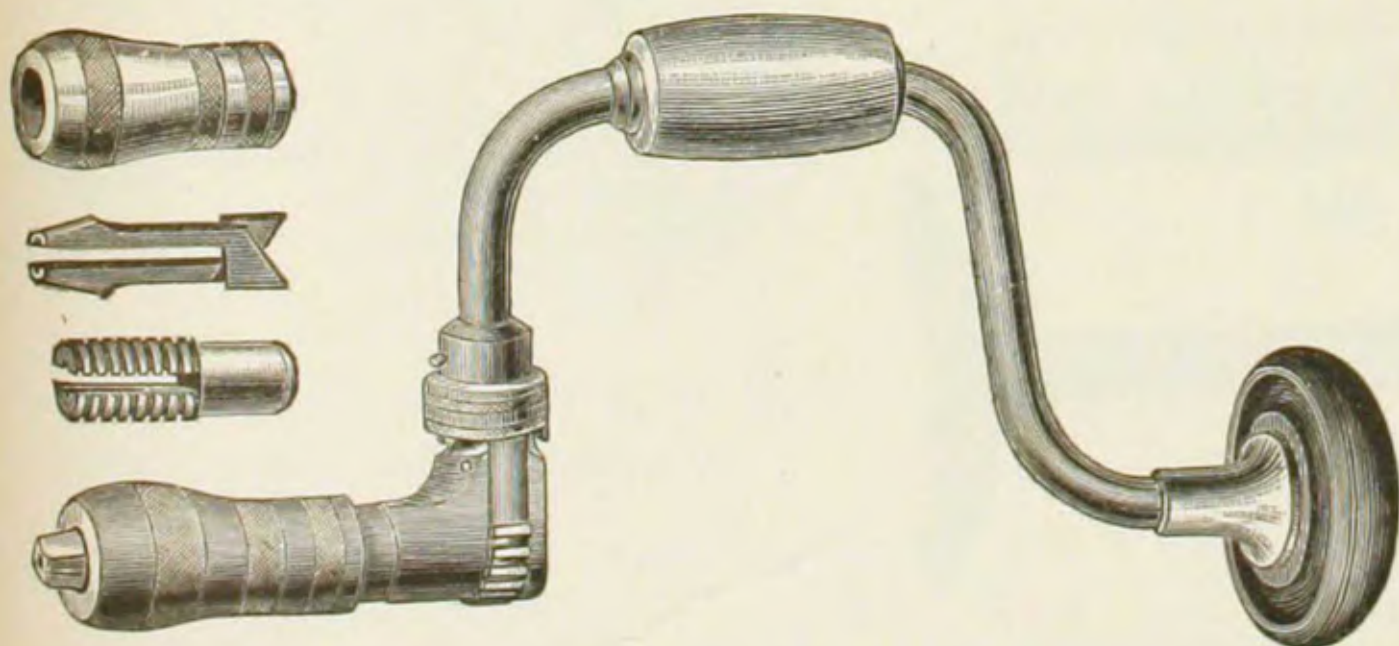


Nos. 117 to 119

RATCHET BRACES

MAPLE HEAD AND HANDLE, SAME
STYLE AS WITH NO. 118No. 129, 10-inch Steel Sweep,
per dozen, \$14.00NICKEL-PLATED STEEL SWEEP, BLACK
WALNUT HEAD AND HANDLENo. 179, 10-inch Sweep,
per dozen, \$18.00No. 181, 12-inch Sweep,
per dozen, 22.00

All above, half dozen in a package.



No. 179



MILLER'S FALLS BREAST DRILLS WITH LEVEL ATTACHMENT

No. 10 Per dozen, \$36.00

Nickel-Plated, Ball Bearings, Cut Gears, round Wrought Iron, $\frac{5}{8}$ of an inch in diameter, changeable Gear, one even and the other speeded 3 to 1. The Chuck will hold any shape shank, round, square, or flat.

No. 11 Per dozen, \$36.00

Same as No. 10, Chuck holds only round shank drills, from $\frac{1}{32}$ to $\frac{1}{4}$ inch.

No. 13 Per dozen, \$48.00

Double-Geared Drive-Wheel 6 inches in diameter, giving a speed of $4\frac{1}{2}$ to 1. Cut Gears, Steel Stock, Rosewood Handles, Steel Jawed Chuck, which will hold square and round tool shanks. Nickel-Plated.

No. 12 Per dozen, \$30.00

Ball Bearing, Malleable Iron Stock, Japanned, Rosewood Handles, Polished and Plated Chuck, changeable Gears, one even and the other 3 to 1. Improved Chuck, holds perfectly tools of all shapes.

No. 15 Per dozen, \$30.00

Same as No. 12 with exception that it has a D handle instead of breastplate.

All above one in a box.

GOODELL'S BREAST DRILLS

No. 6 Per dozen, \$48.00

(3-Jawed Chuck for Round Shank Drills) capacity from 0 to $\frac{1}{2}$ inch.

No. 7 Per dozen, \$42.00

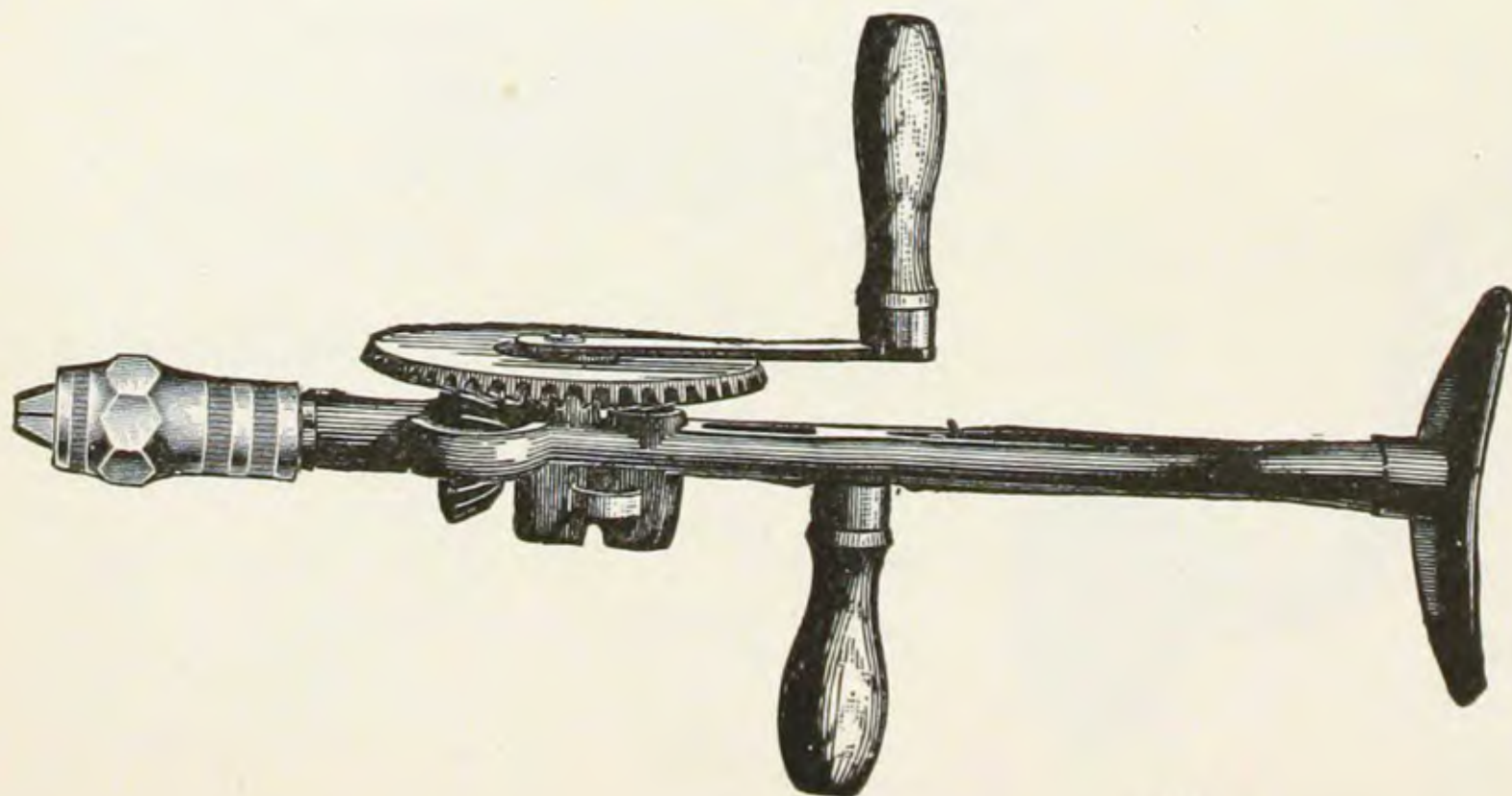
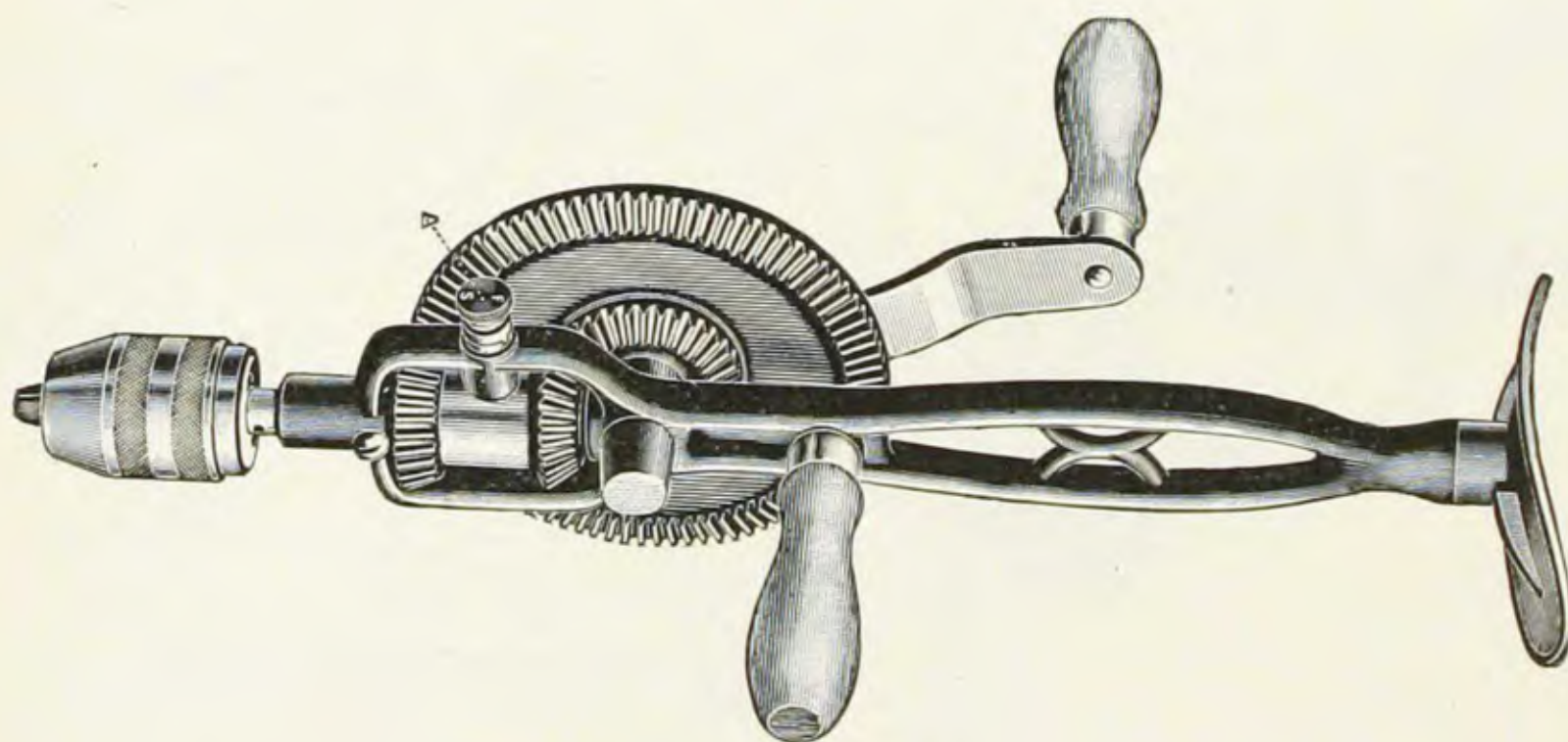
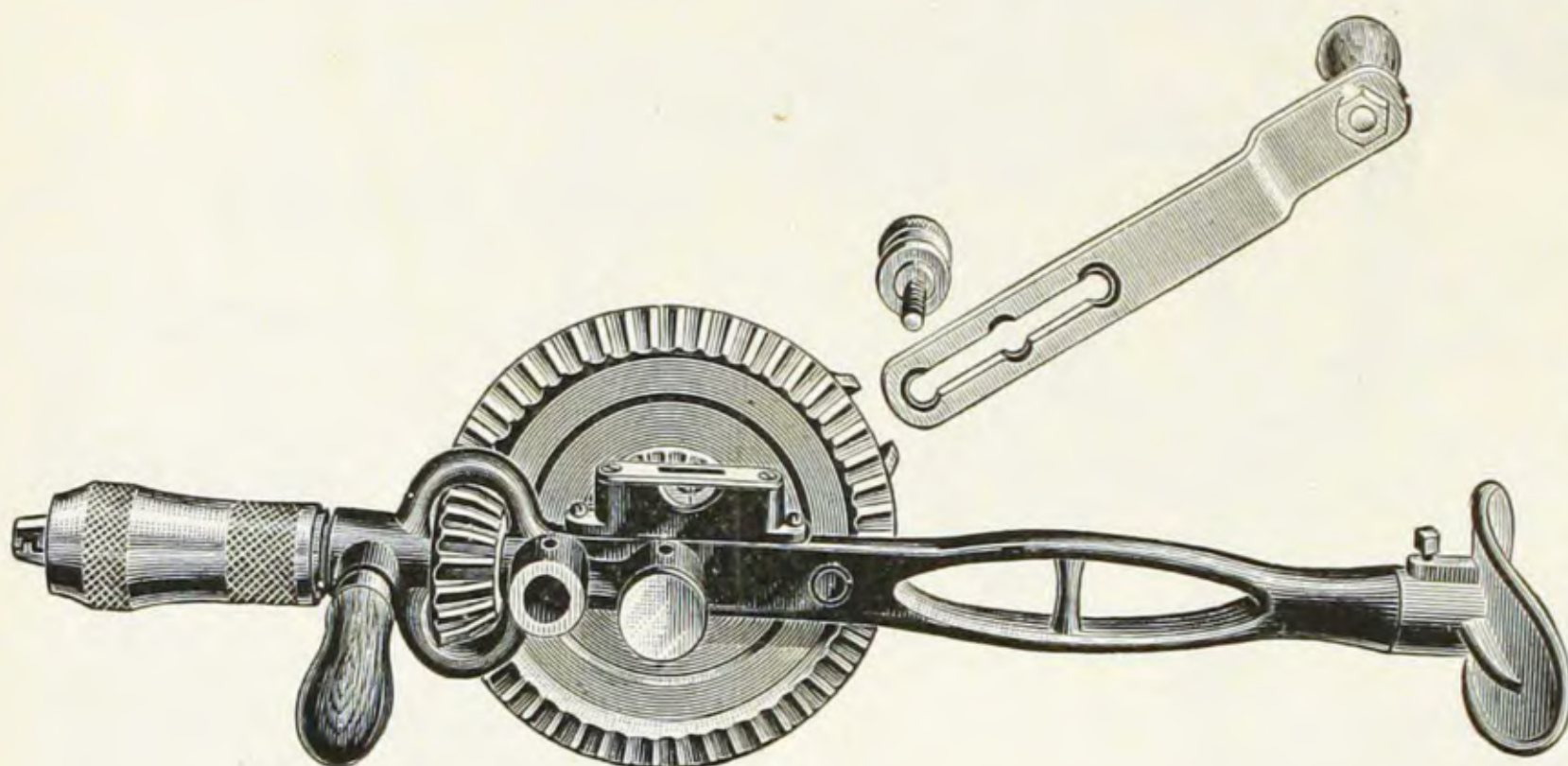
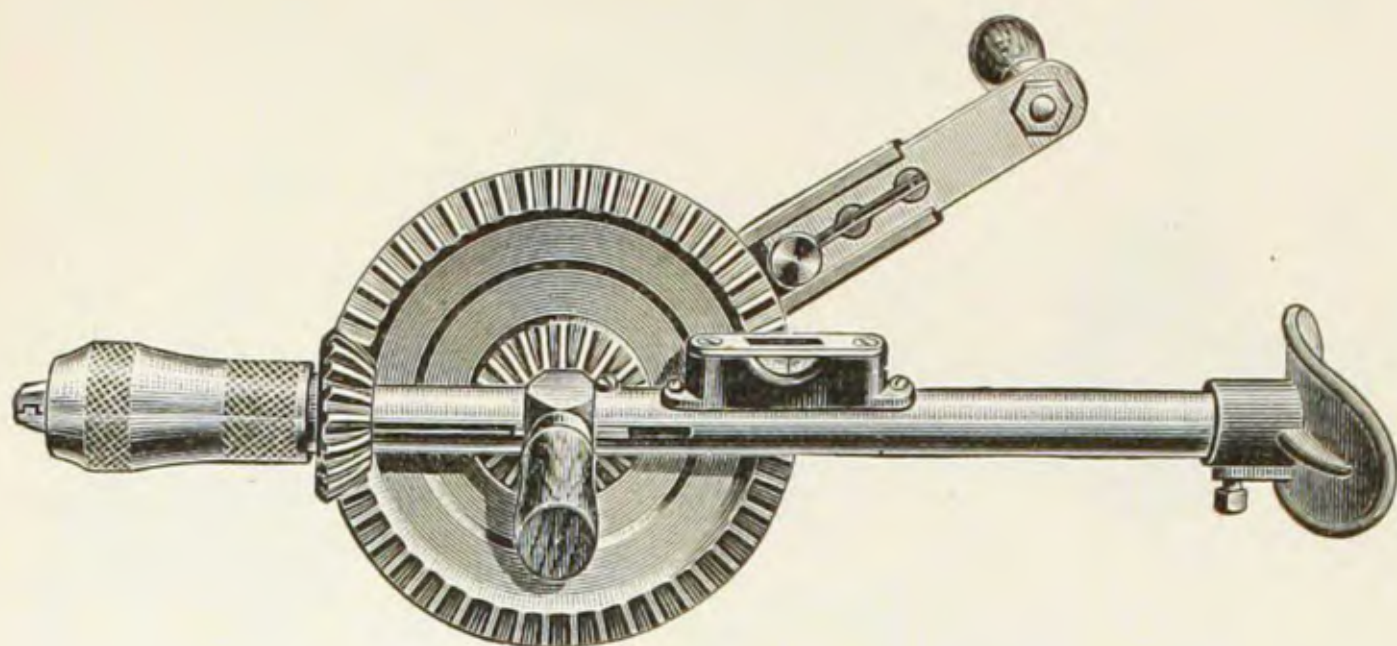
Same as No. 6, but with Chuck for Square Shank Drills with extra set of jaws.

They are Double Geared, one Gear remaining "idle" and acting as an anti-friction bearing when the other is at work. All gears have cut teeth. It has two speeds and can be changed from fast to slow by turning the thumb-screw at "A" until the letter representing desired speed is nearest the chuck. The breastplate is adjustable and its position can be changed, if desired.

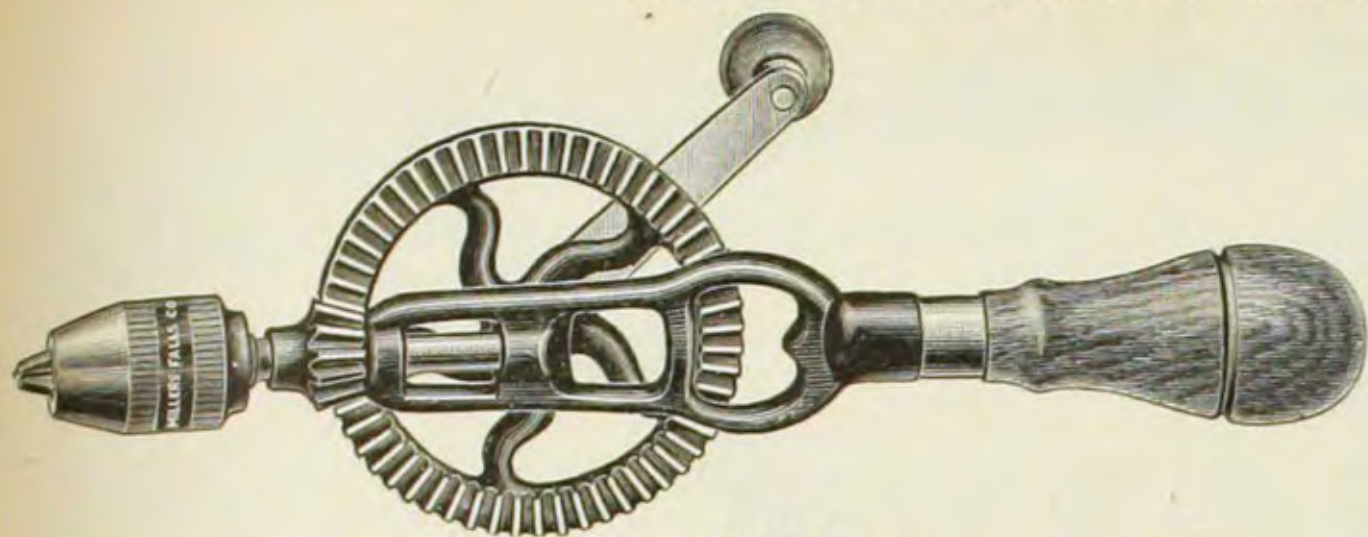
Above, one in a wooden box.

BARTHOLOMEW'S BREAST DRILLS

With Adjustable Chuck,
without Drills, each, \$2.50



MILLER'S FALLS HAND DRILLS

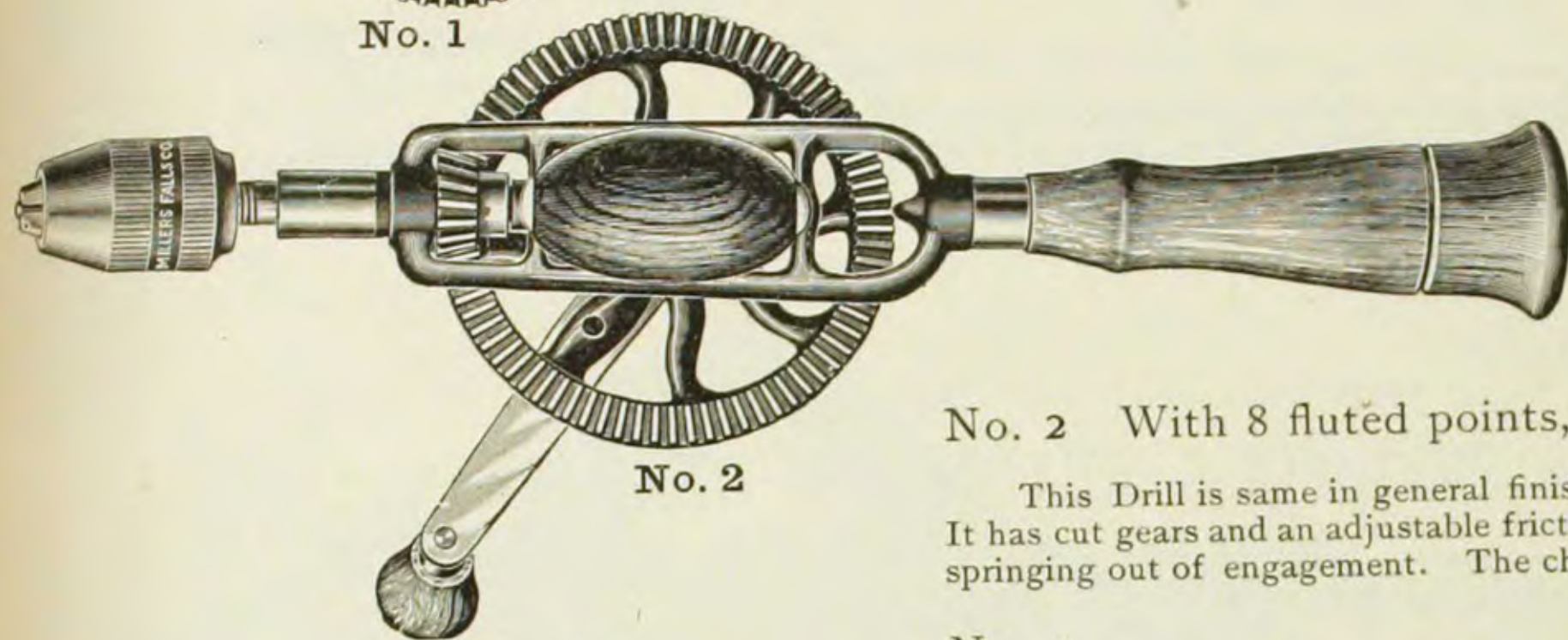


No. 1

No. 1 Including 8 fluted points
in hollow handle, per doz., \$15.00

These Drills are now made with three jaws, resting in solid sockets, and there are no springs to get out of place or out of order. The chucks are nicked and the handles cocobolo. They hold drills from 0 to 3 16ths.

An extra handle is furnished with this drill.

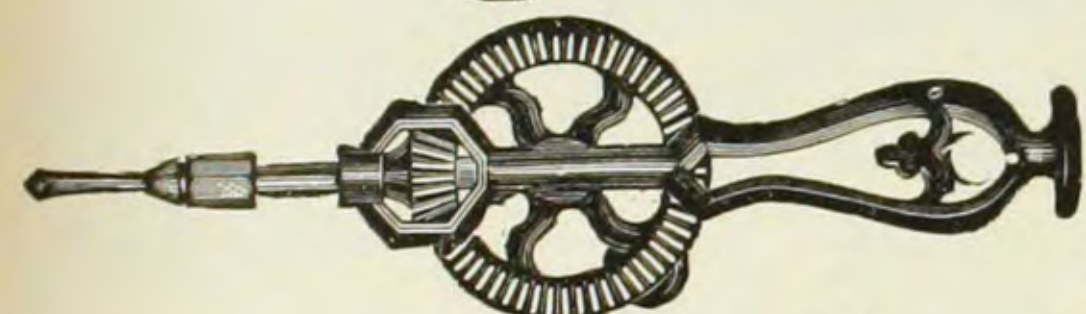


No. 2

BALL BEARING

No. 2 With 8 fluted points, per dozen, \$30.00

This Drill is same in general finish as No. 1, described above. It has cut gears and an adjustable friction roll to prevent gears from springing out of engagement. The chuck holds from 0 to 17 64ths.



No. 4

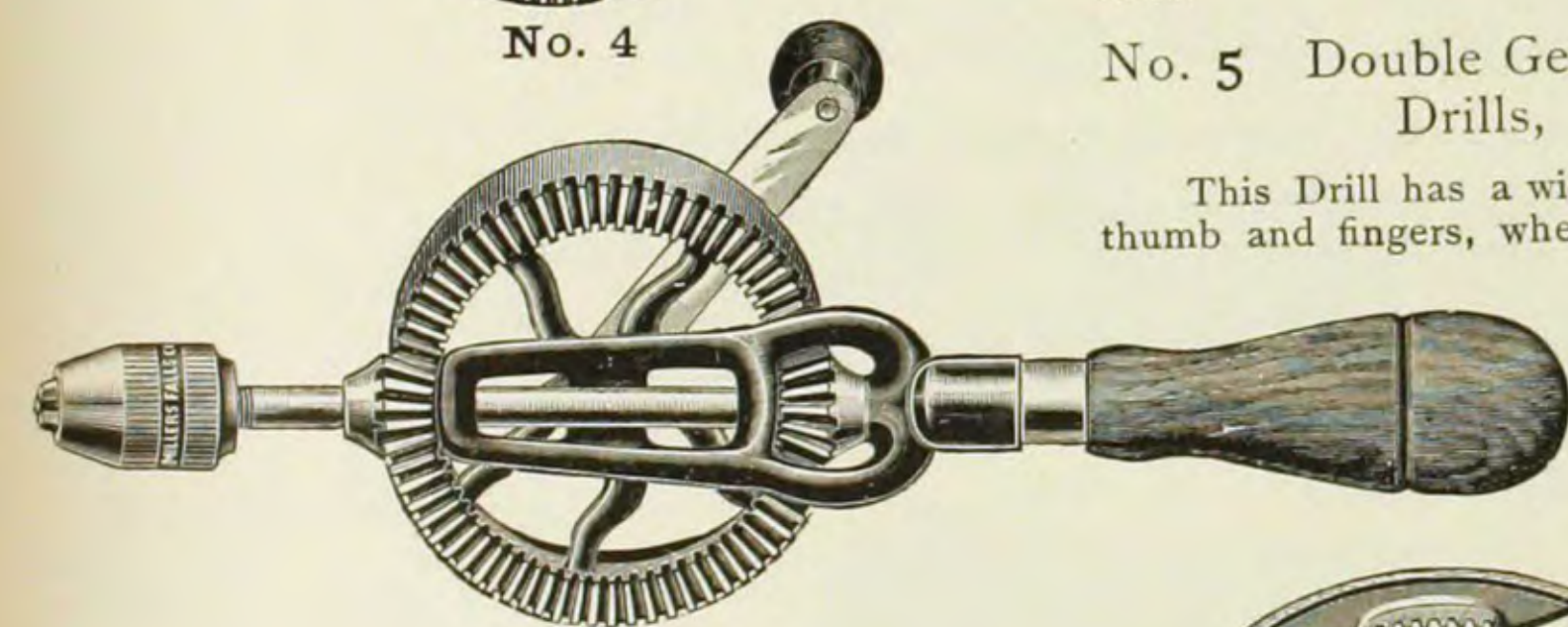
No. 4, per dozen, \$6.00

This Drill Stock is eight inches in length and weighs eight ounces. It is made of iron with Rosewood Handle, and Brass Chuck for holding the Drill Points. This Chuck is made on a new plan, and it centers and holds the drill perfectly. With each Drill Stock is sent a box containing six superior Drill Points, of various sizes.

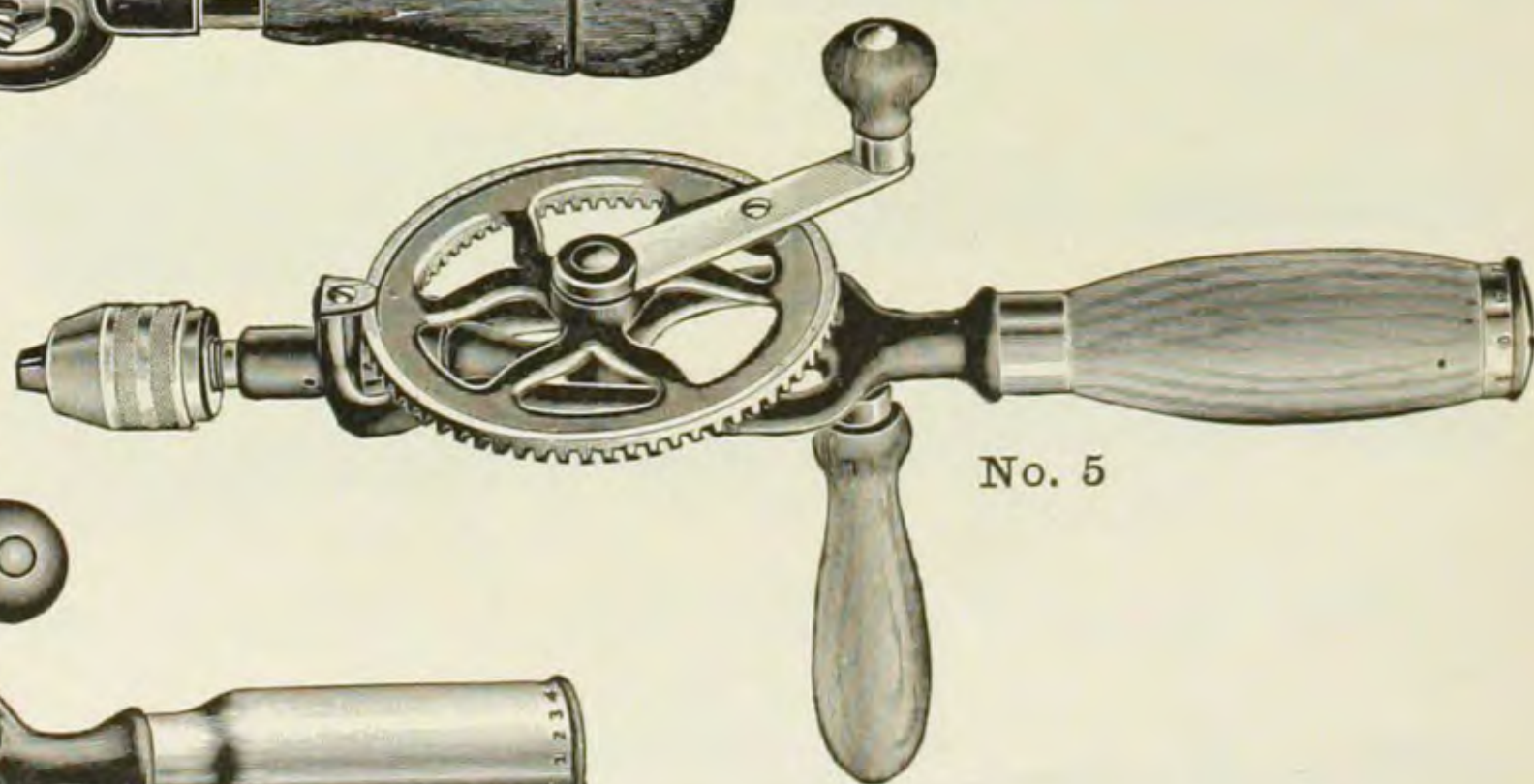
No. 5 Double Geared, 11 1/2 inches, with 8 Drills, per dozen, \$18.00

This Drill has a wide rimmed gear; to be grasped between thumb and fingers, when used for delicate work.

One in a box.



No. 5

GOODELL'S
HAND DRILLS

No. 5

No. 5 Polished Hard Wood Handle, containing 8 Drills, will hold Twist Drills from 1/4 inch down to No. 80, per dozen, \$36.00

The Frames of these Drills are made of malleable iron, all gears have cut teeth, and the teeth are well nicked to prevent rusting.

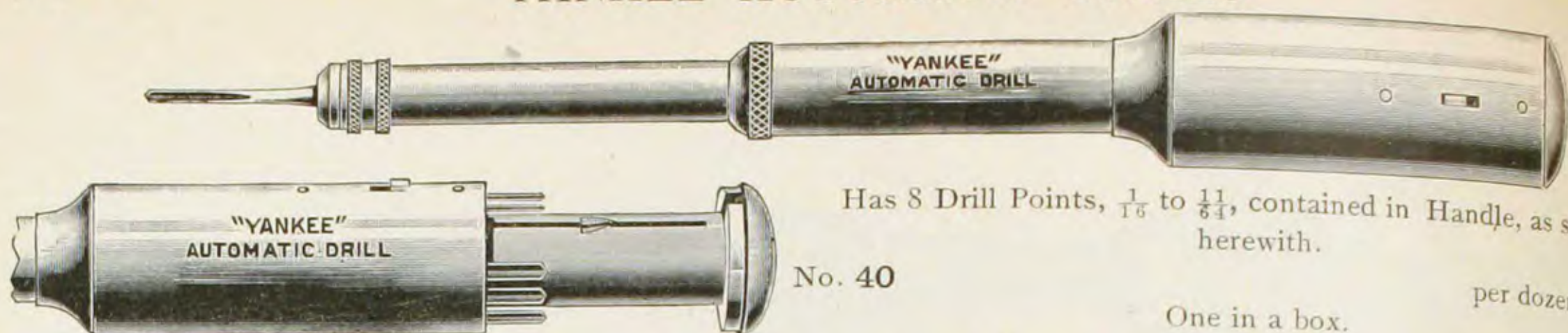
The Steel Chuck is nickel-plated and has knurled nut and 3 hardened Steel Jaws.

One in a box.

No. 4 Nickel-plated Handle, containing 8 Drills, will hold Twist Drills from 5/32 inch down to No. 80, per dozen, \$26.00



YANKEE AUTOMATIC DRILLS



Has 8 Drill Points, $\frac{1}{16}$ to $\frac{11}{16}$, contained in Handle, as shown herewith.

No. 40

One in a box.

per dozen, \$27.00

JOHNSON'S AUTOMATIC BORING TOOLS



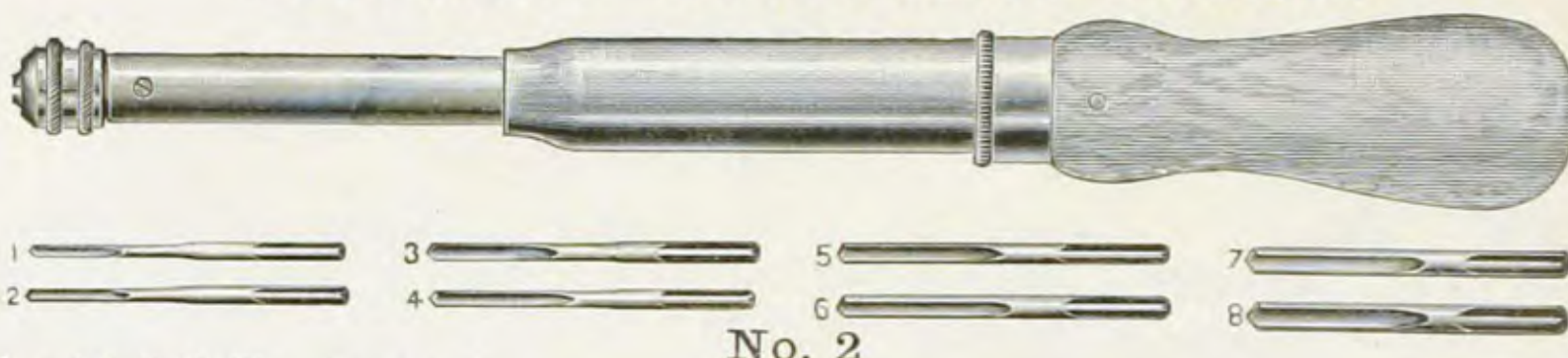
No. 1

No. 0 Nickel-plated, with 8 Drills, Assorted,
No. 1 Wood Handle, " 8 " "
No. 2 " " 8 " " in Handle,
Extra Drills,

Nos. 0 and 1, in a tin box; No. 2, in a paper box.

per dozen, \$24.00
" " 24.00
" " 31.20
" " .72

GOODELL'S AUTOMATIC DRILLS



No. 2

No. 1 Nickel-plated, with 8 Drills, Assorted,
No. 2 " " Cocobolo Handles, with 8 Drills, Assorted,
No. 3 " " with 8 Drills, Assorted, each in a separate compartment in the Handle,
No. 3½ " " Cocobolo Head and Handle, with 8 Drills, Assorted, same as No. 3,
Extra Drills,

Nos. 1 and 2, in a tin box; Nos. 3 and 3½, in a paper box.

per dozen, \$24.00
" " 24.00
" " 26.00
" " 25.00
" " .72

MILLERS' FALLS AUTOMATIC BORING TOOLS



No. 3

No. 3 All Metal Handle, with 8 Points,
per dozen, \$14.00



No. 4

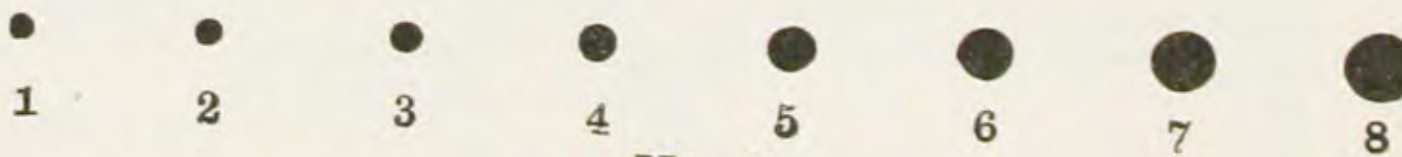
No. 4 Cocobolo Handle, with Cells for the 8 Points, per dozen, \$18.00



No. 5

No. 5 Solid Cocobolo Handle, with 8 Points, per dozen, \$14.00
Extra Drills, " " .72
One in a box.

GRAVES' AUTOMATIC DRILL STOCKS AND DRILL POINTS



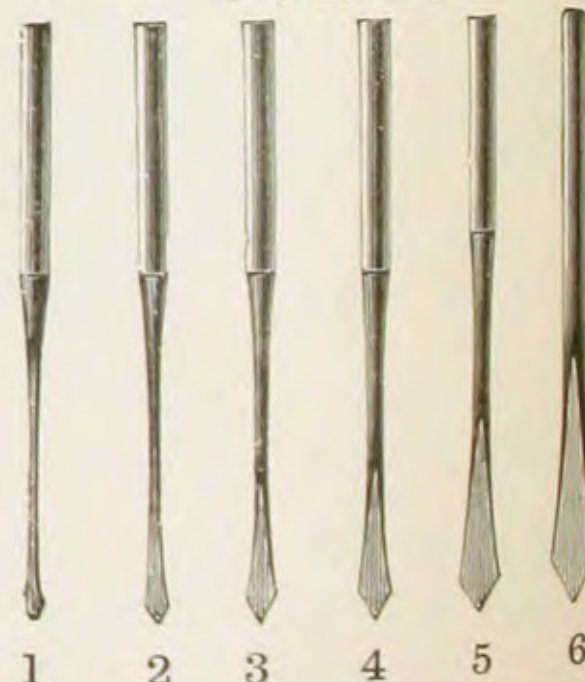
No. 2

No. 1 With 12 Drill Points, Assorted, in Cocobolo Box,
No. 2 " 8 Drills, Assorted, in Handle,
Extra Drills,

One in a box.

per dozen, \$9.00
" " 18.00
" " .72

DIAMOND DRILL POINTS



(Exact Sizes.)
Per set of 6 Drills, \$0.25



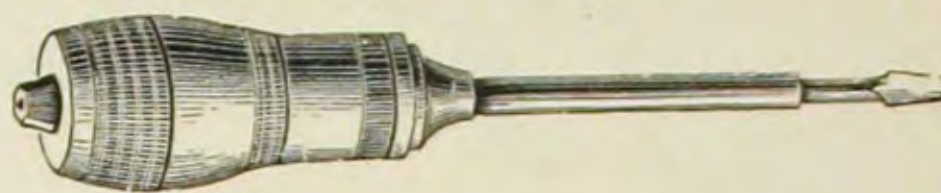
PATENT UNIVERSAL ANGULAR BIT STOCKS



This Bit Stock is used in connection with a Brace and a Bit for boring holes in places where the Brace and Bit alone could not be used. The ability to vary the angles, either at the commencement or during the operation of boring a hole, is an important feature.

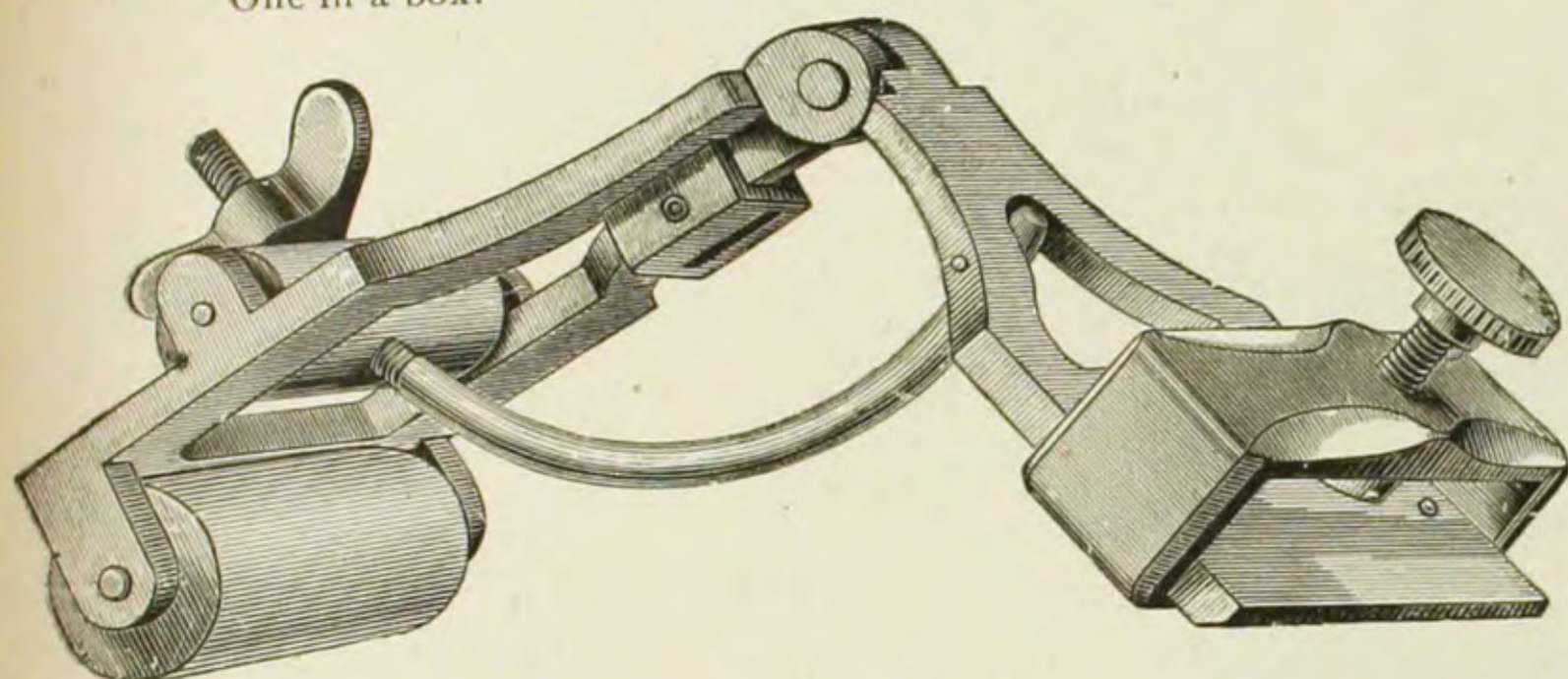
Per dozen, \$24.00
One in a box.

BARBER'S EXTENSION BIT HOLDERS



12, 15, 18, 21 and 24 inches.

No. 1 All lengths, per dozen, \$15.00

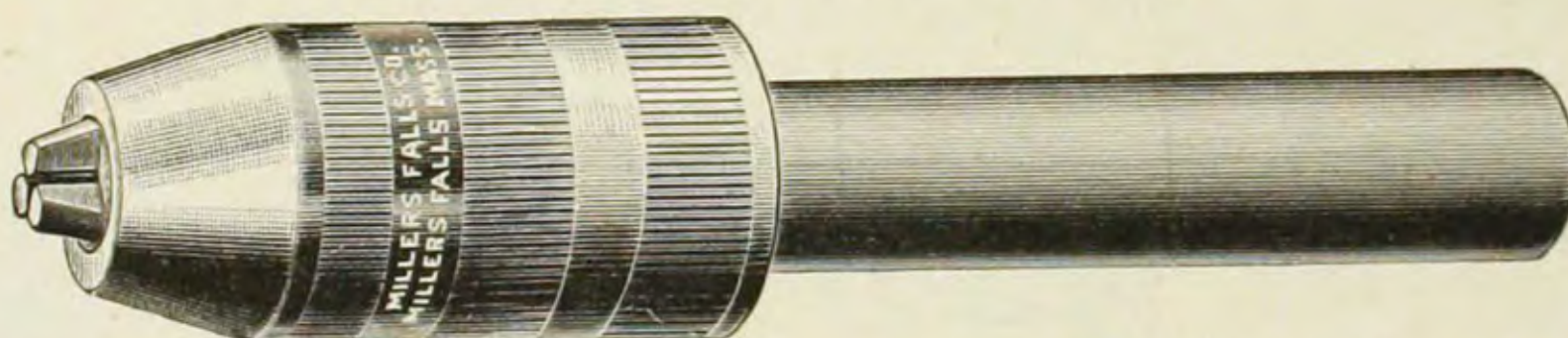


CHISEL GRINDERS

This is a new invention for holding Chisels, Plane Irons, etc., while grinding them. When put in the holder and brought to the right bevel with the adjusting screw, nothing is left to do but to bear it on the stone, and it will grind all right without further care.

Per dozen, \$9.00
One in a box.

IMPROVED STAR CHUCKS



Arranged with three jaws set in solid sockets. There are no springs to get out of order or out of place. The latest improvement in connection with these chucks is a device to hold the jaws firmly in place, and move them forward and backward by the motion of the screw.

No. 1	holds from 0 to $\frac{3}{16}$ inch,	has shank $1\frac{1}{2} \times \frac{1}{2}$,	each, \$1.00
No. 2	" " 0 " $\frac{1}{4}$ " " "	$3\frac{3}{8} \times \frac{5}{8}$,	" 1.50
No. 3	" " 0 " $\frac{1}{2}$ " " "	$4\frac{1}{2} \times \frac{7}{8}$,	" 3.00

One in a box.

VAUGHAN'S HOLLOW TUBE POST-HOLE AUGERS



									Large Sizes for Telegraph Poles.		
Size, inches,	4	5	6	7	8	9	10	11	12		
Per dozen,	\$24.00	24.00	24.00	24.00	24.00	24.00	each, \$7.00	7.50	8.00		

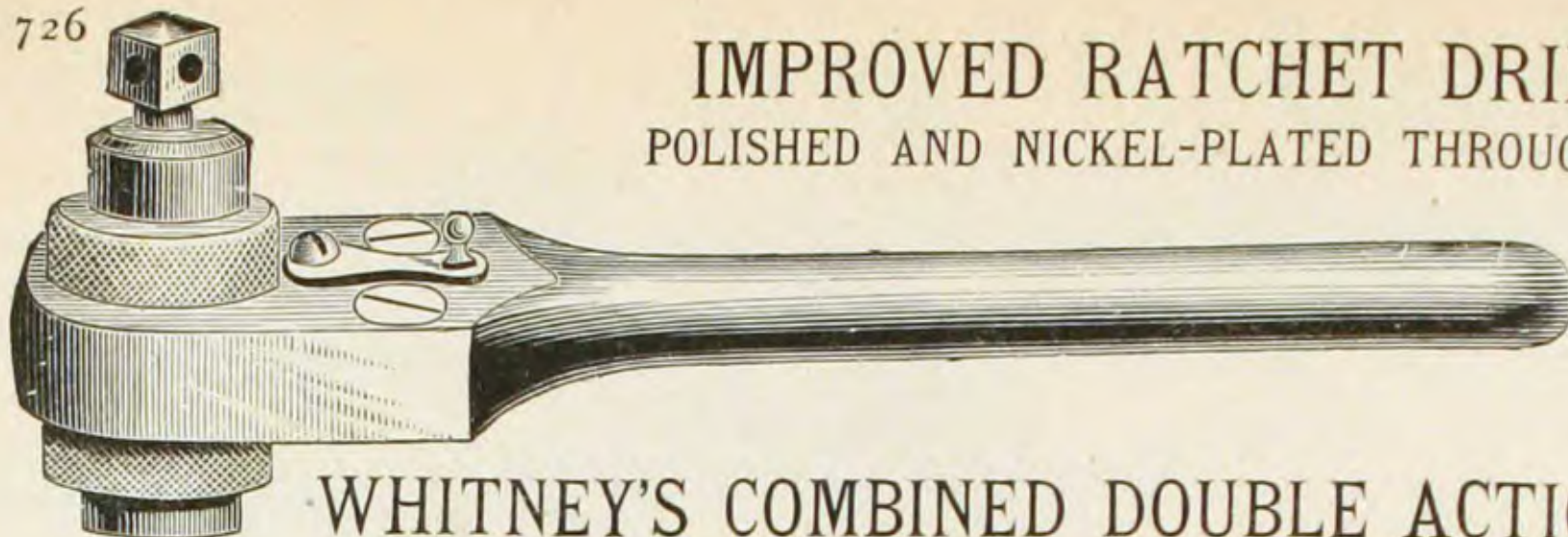
6 inches is the regular size for posts to drive; 8 and 9 inches are the regular sizes for posts to fill in.

The great advantage of the above Augers is the fact that by means of the Hollow Tube the air is admitted under the Auger when withdrawn, and thus the suction is done away with.



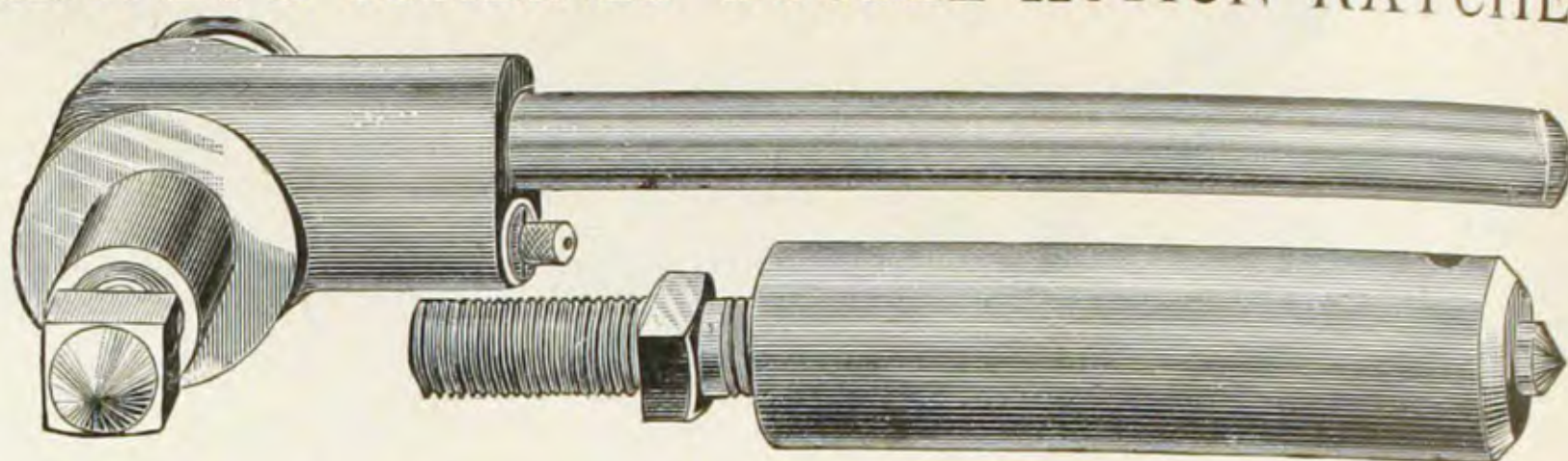
IMPROVED RATCHET DRILLS

POLISHED AND NICKEL-PLATED THROUGHOUT



Nos.	1	2	3
Lever, in.	10	12	14
Each,	\$4.00	4.50	5.00

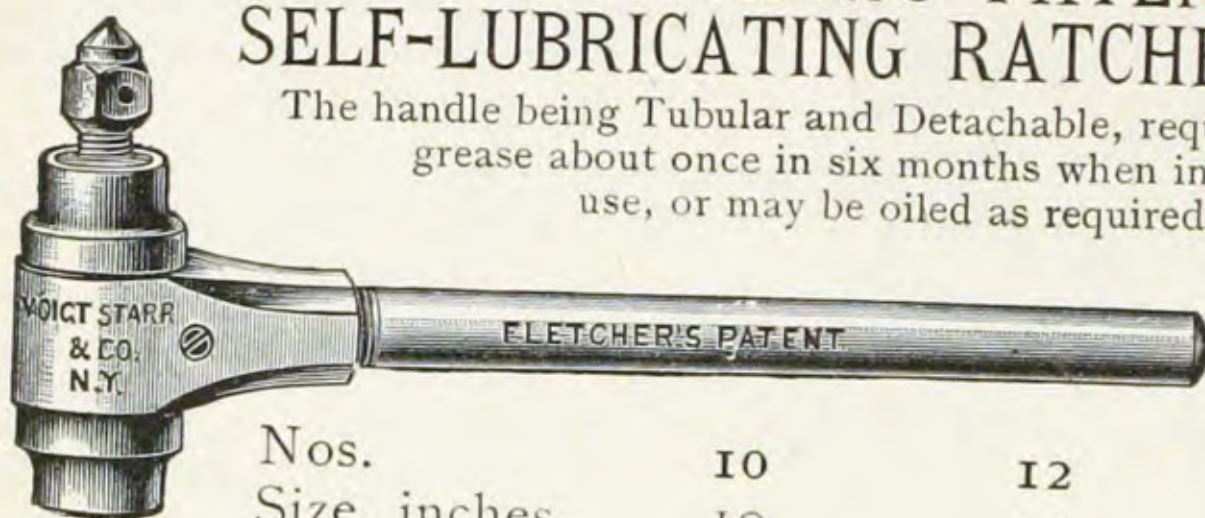
WHITNEY'S COMBINED DOUBLE ACTION RATCHET DRILL



Length, No. inches.	For Drills.	Shank, inches.	Each.	Length, No. inches.	For Drills.	Shank, inches.	Each.
00 8	Bit Stock,		\$8.00	03 16	Taper Sq. Shank,	$\frac{5}{8} \times \frac{3}{8} \times 1\frac{1}{2}$	\$15.00
01 10	Taper Sq. Shank,	$\frac{5}{8} \times \frac{3}{8} \times 1\frac{1}{2}$	10.00	04 18	" " "	$\frac{3}{4} \times \frac{1}{2} \times 1\frac{3}{4}$	18.00
02 12	" " "	$\frac{5}{8} \times \frac{3}{8} \times 1\frac{1}{2}$	12.00	05 24	" " "	$\frac{3}{4} \times \frac{1}{2} \times 1\frac{3}{4}$	22.00

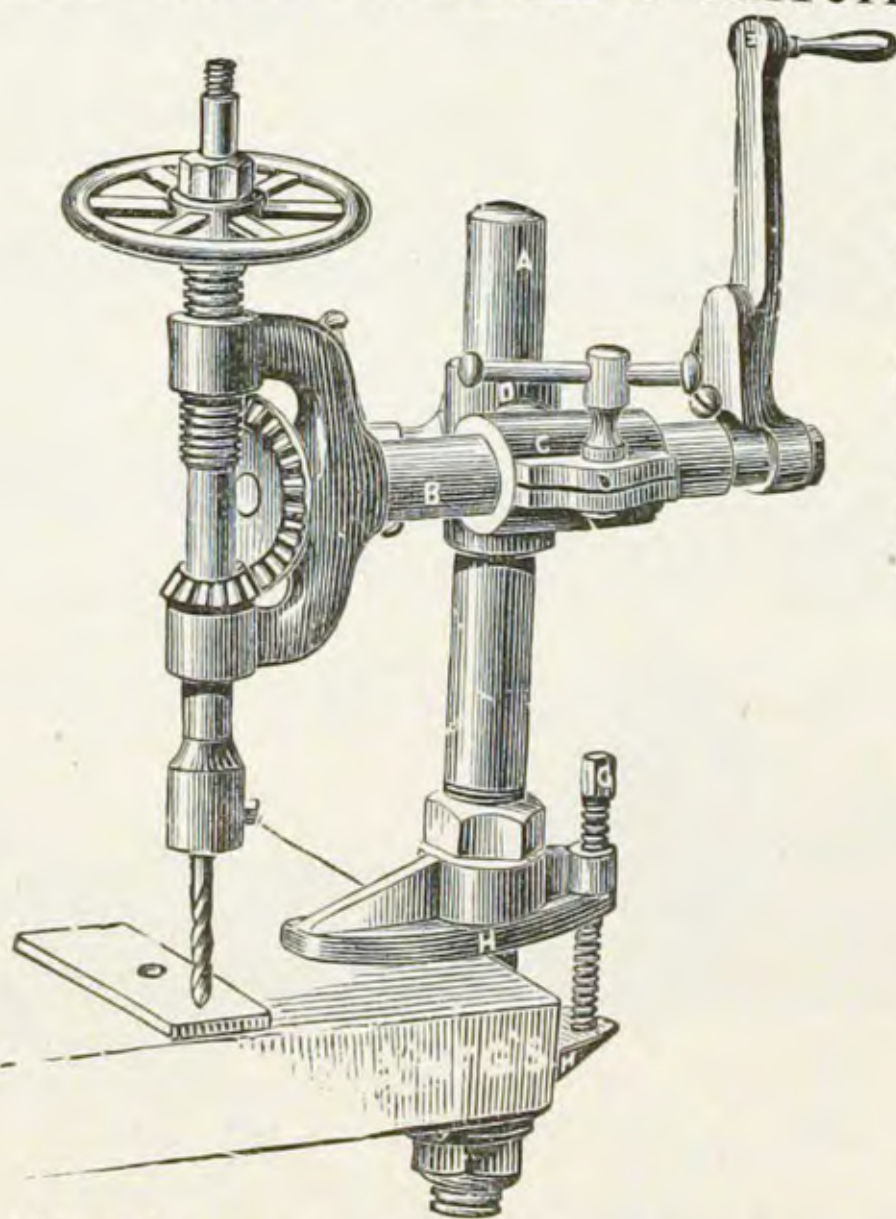
FLETCHER'S PATENT SELF-LUBRICATING RATCHET DRILLS

The handle being Tubular and Detachable, requires filling with grease about once in six months when in constant use, or may be oiled as required.



Nos.	10	12	Boiler.
Size, inches,	10	12	10
Each,	\$5.00	6.00	5.00

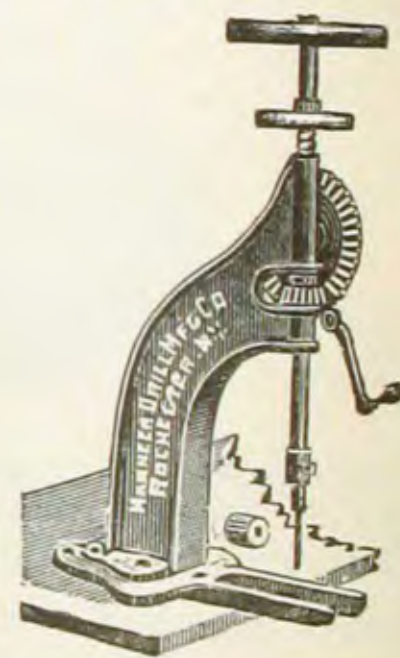
PATENT UNIVERSAL ANGULAR AND RATCHET DRILLING MACHINES



The No. 2 Drill has two sets of gears making either speeded or geared back machine.

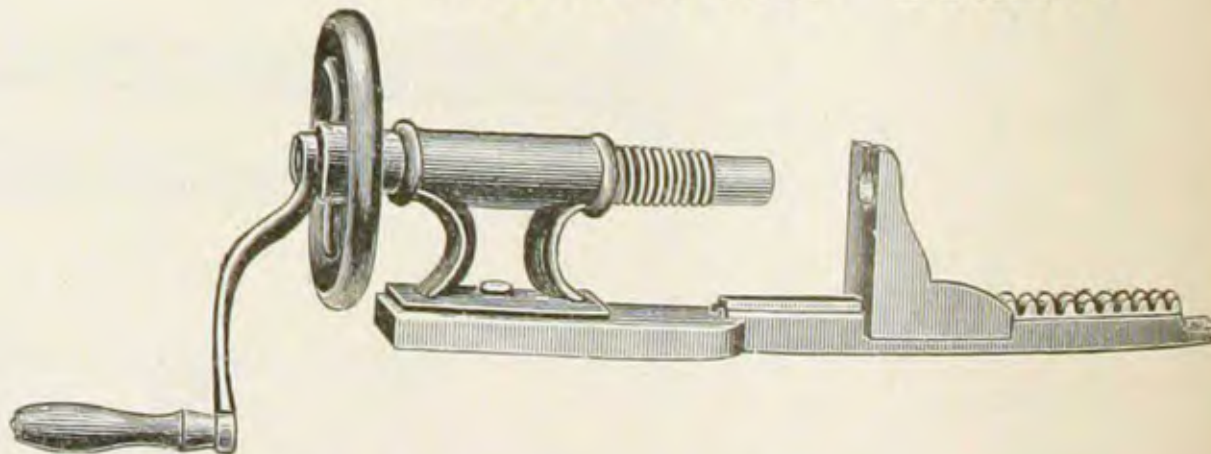
Half inch Round Shank Drills fit these machines.

MANNEER'S IMPROVED BENCH DRILLS



Height, 24 inches; weight, 31 pounds.
With two Chucks, one for Round Shank Drills, the other for Square.
Capacity from smallest to $\frac{3}{4}$ inch hole.
Each, \$12.00

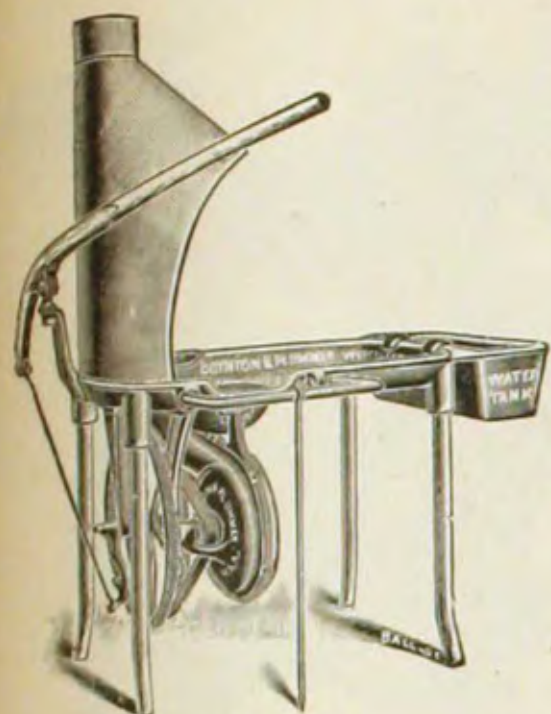
BLACKSMITHS' DRILLS



No. 1	Weight, 34 lbs.,	Drills up to $\frac{5}{8}$ in. hole, each,	\$20.00	No. 5	Square Hole, each,	\$5.00
No. 2	" 64 "	" " " " " "	"			
No. 3	" 108 "	" " " " " "	25.00			
		" 1 1/2 " " " "	40.00			



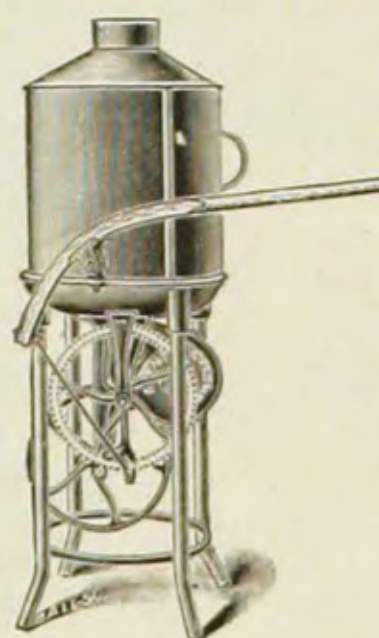
BOYNTON AND PLUMMER'S FORGES AND DRILLS



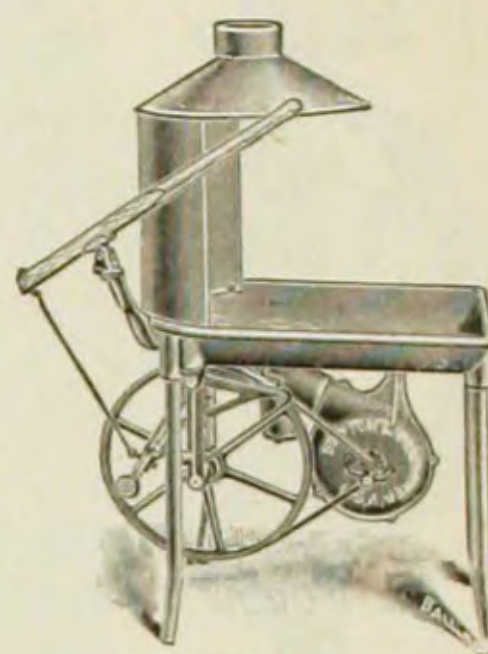
No. 0



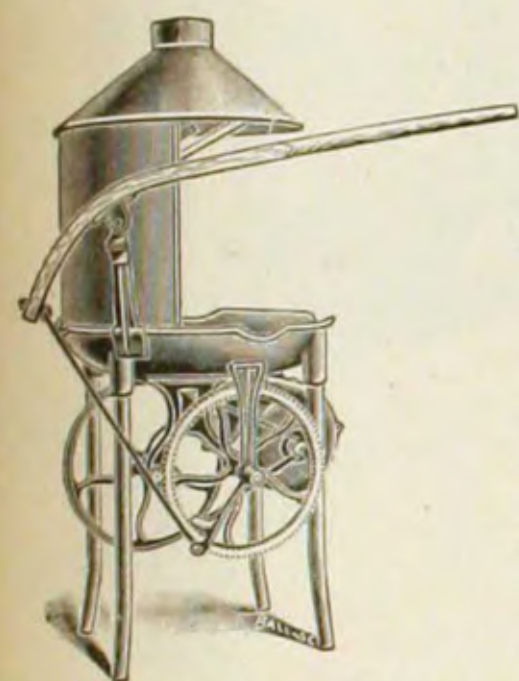
No. 10



No. 7



No. 8

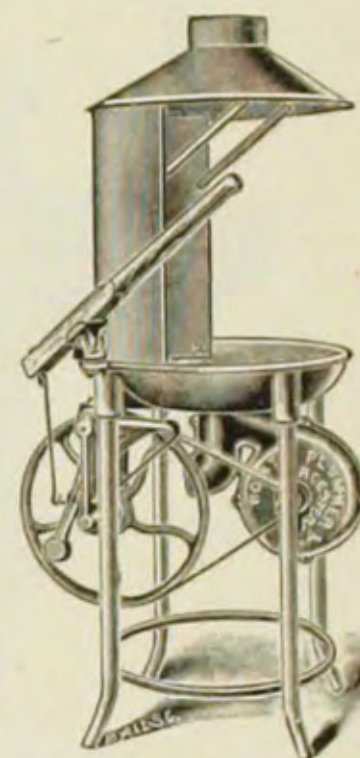


No. 3

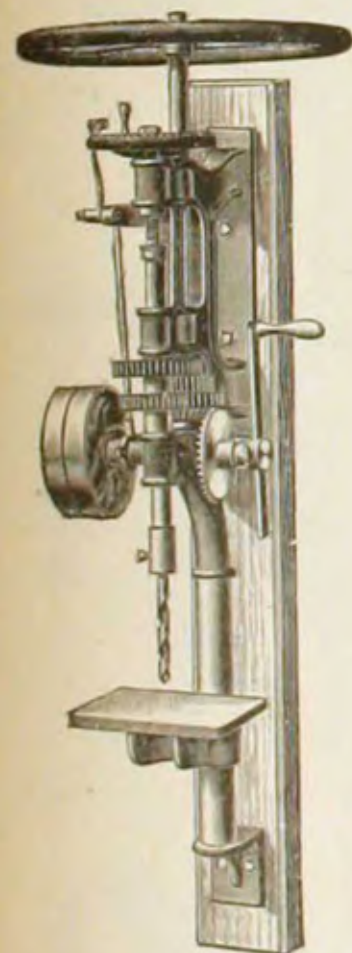
FORGES

No.	Dimensions.	Weight, pounds.	Fan, inches.	Each.
0	46 1/2 x 26	300	14	\$54.00
8	33 1/2 x 22	200	12	40.00
3	27 1/2 x 21	142	10 1/2	40.00
11	22 in. dia.	115	10 1/2	27.00
10	22 " "	110	10 1/2	24.00
7	19 " "	85	8 1/2	30.00

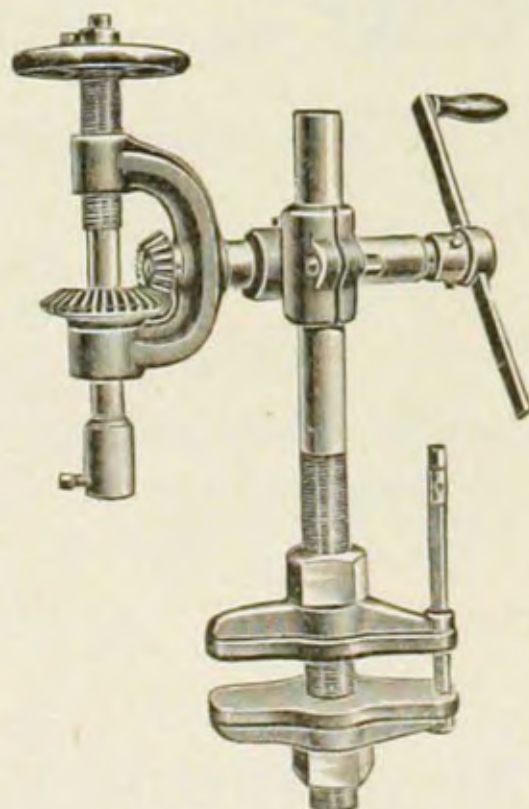
No. 0 is complete with tank.



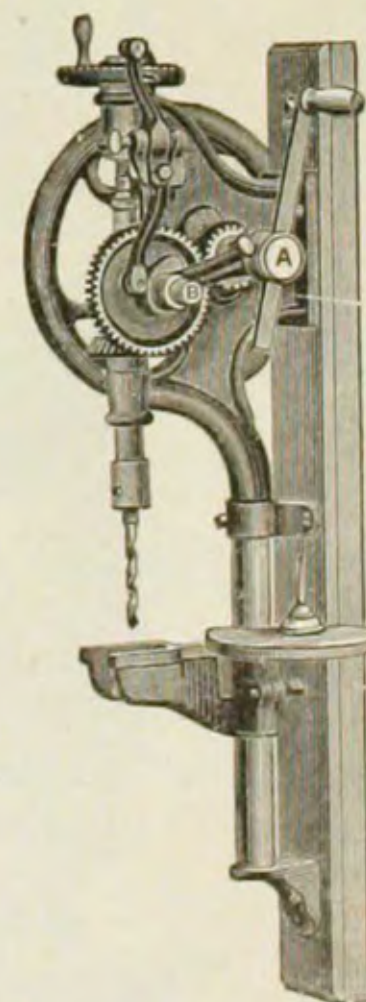
No. 11



No. 3, Upright



No. 3, Clamp



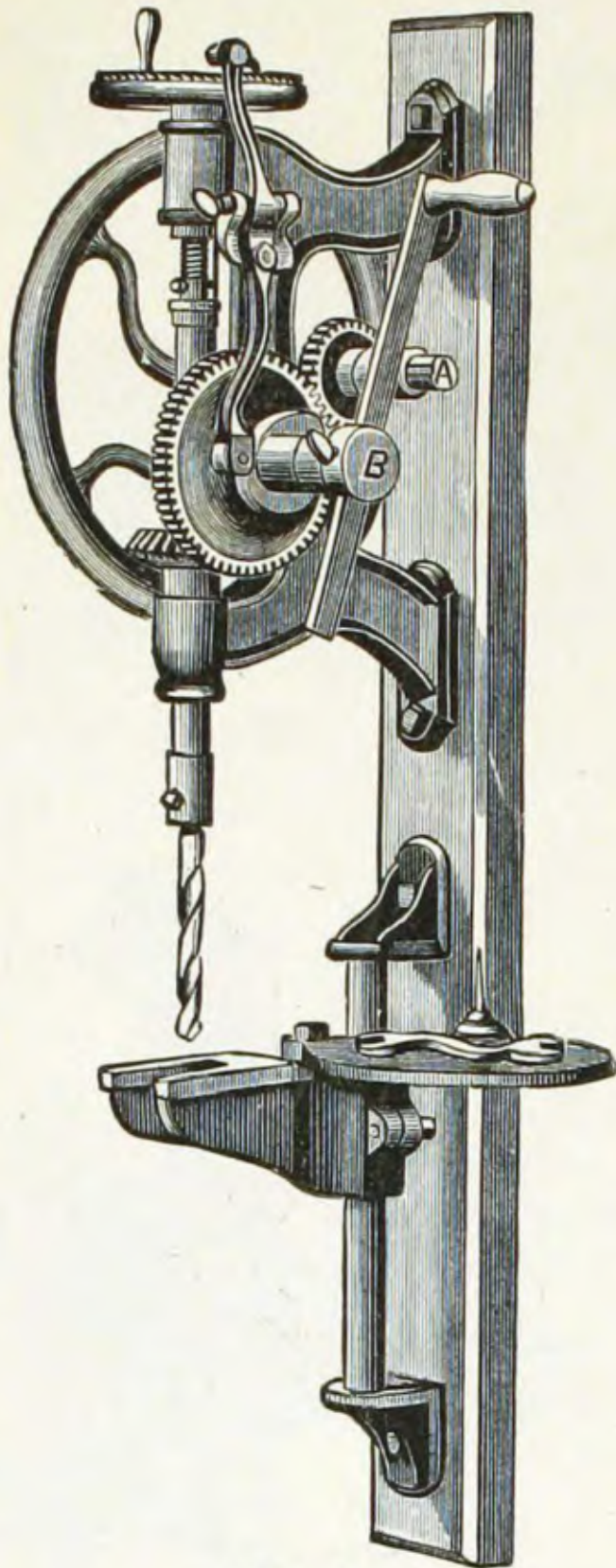
No. 1 1/2, Upright

DRILLS

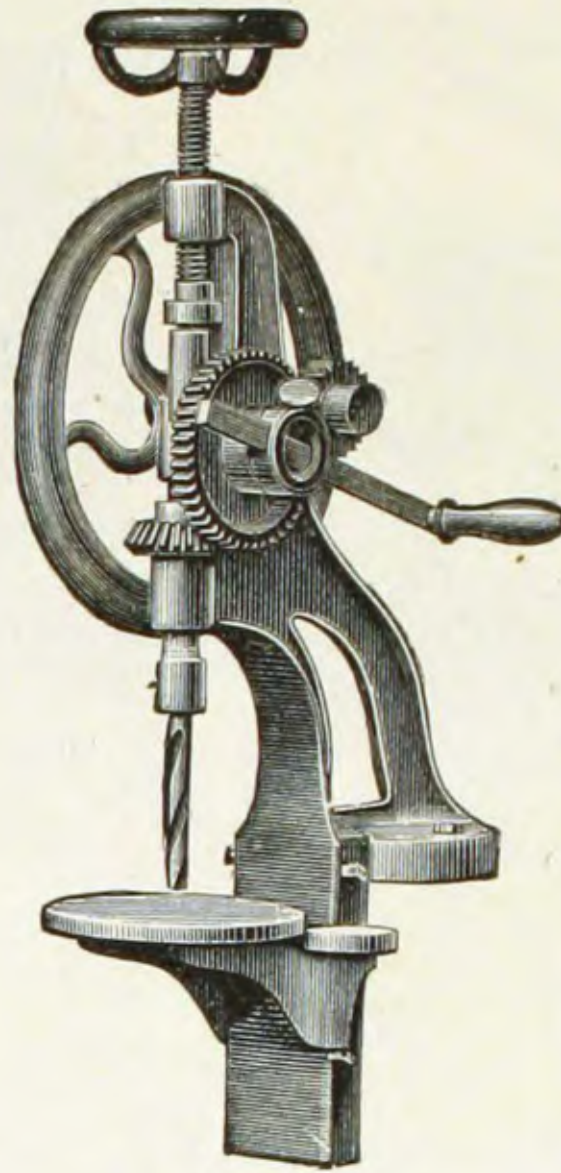
No.	Capacity.	Weight, pounds.	Each.	Each.
3 Upright	1 1/2 inch hole	305	\$75.00, hand	\$79.00, power
1 1/2 " "	1 1/4 " "	120	34.00, " "	37.00, " "
3 Clamp	1 " "	65	23.00, single gear	25.00, double gear



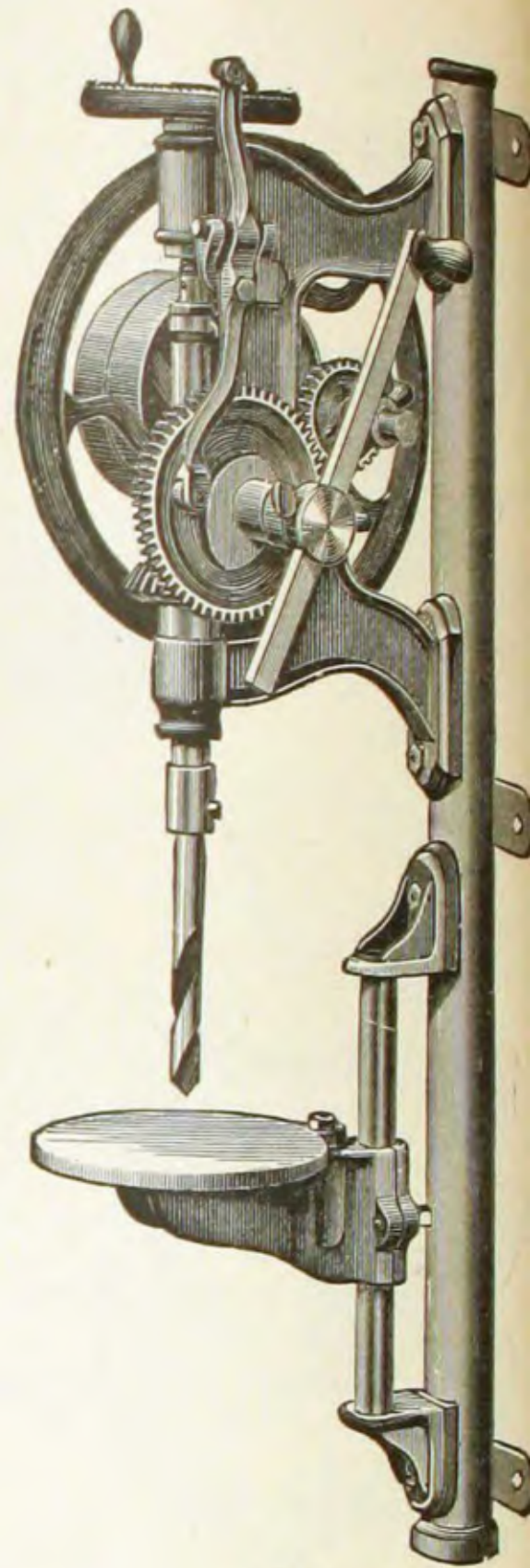
BOYNTON AND PLUMMER'S DRILLS



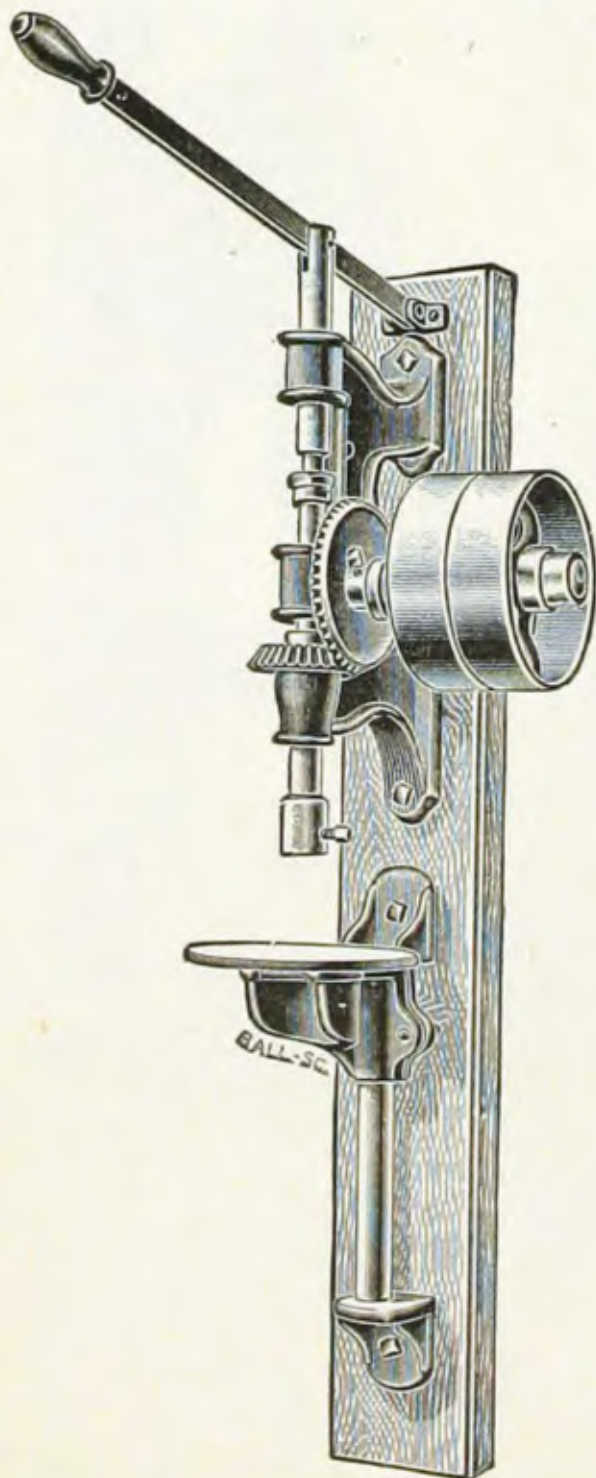
No. 2



No. 9



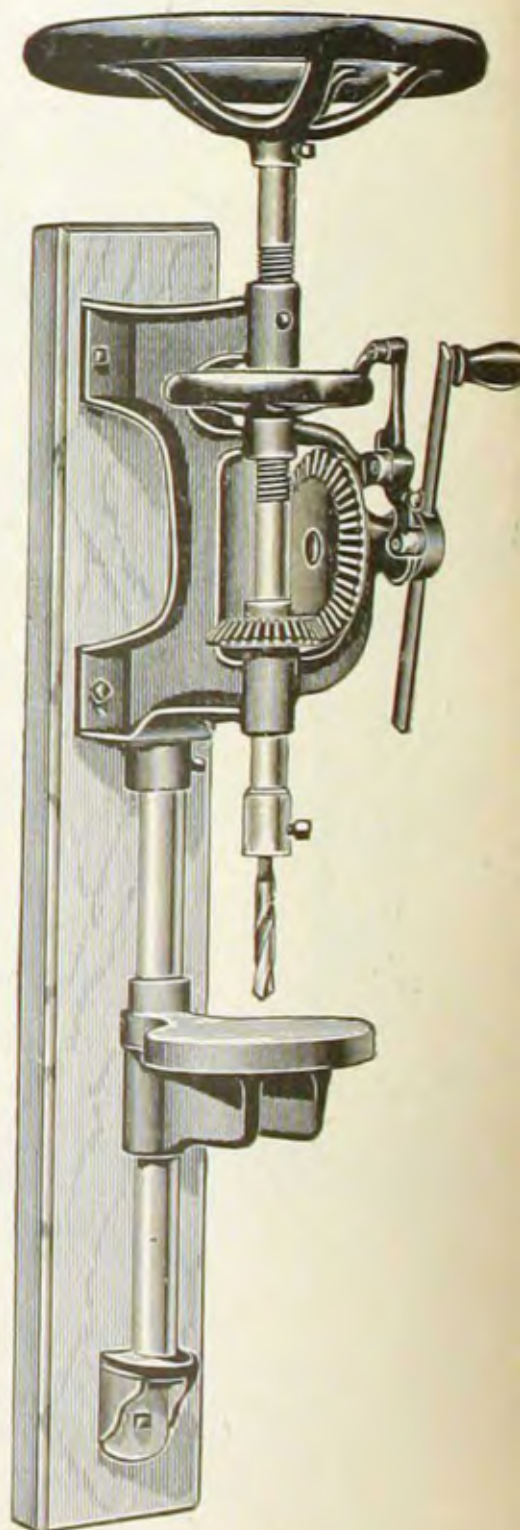
No. 7



No. 12

No.	Capacity.	Weight, pounds.	Each.
2	1 1/2 in. hole	160	\$48.00
9	1 " "	75	15.00
7 Power	1 1/2 " "	200	56.00
12 " "	1 " "	75	28.00
22	7/8 " "	100	15.00

Special catalogue of these drills furnished
on application.



No. 22



M. C. OGDEN'S ADZE-EYE RAILROAD PICKS



AXE FINISH, POLISHED CAST STEEL POINTS

Assorted, pounds,
Per dozen,

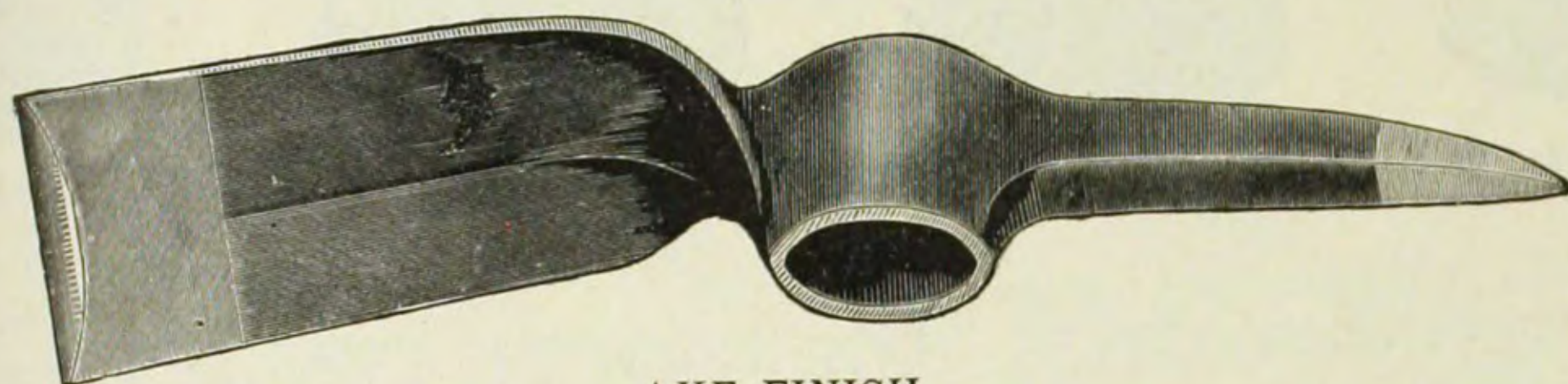
4 to 5
\$11.00

5 to 6
12.00

6 to 7
13.00

7 to 8
14.00

ADZE-EYE PICK MATTOCKS



AXE FINISH

Length of Cut, about $4\frac{1}{4}$ inches,

per dozen, \$16.00

ADZE-EYE GRUB MATTOCKS

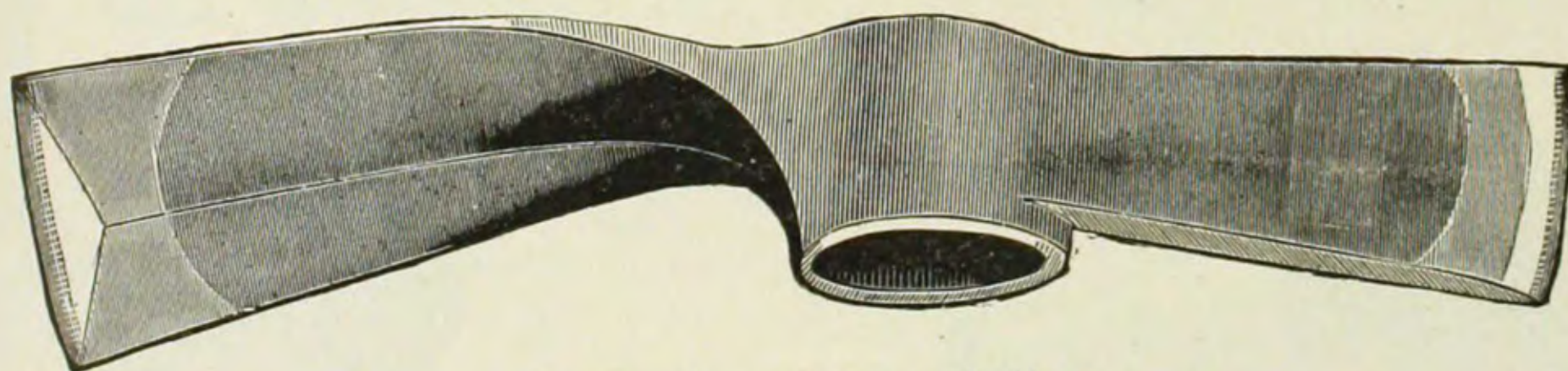


Illustration of Long Cutter

AXE FINISH

Long Cutter, 6 pounds, Cut about $4\frac{1}{4}$ inches,
Short " $5\frac{1}{2}$ " " " $4\frac{1}{4}$ "

per dozen, \$16.00
" " 15.50

LIGHT PATTERN

Long Cutter, 5 pounds,
Short " 5 "

per dozen, \$15.00
" " 15.00

GRUB HOES, OVAL EYES

AXE FINISH



No. 0 Cut about $3\frac{1}{2}$ inches,
No. 1 " " $3\frac{3}{4}$ "
No. 2 " " 4 "
No. 3 " " $4\frac{1}{2}$ "

per dozen, \$10.50
" " 11.00
" " 11.50
" " 12.00



M. C. OGDEN'S BEST CAST STEEL AXES

All Axes, Hatchets, Adzes, etc., of this make are bronzed and handsomely finished and labeled. The quality cannot be surpassed, and we warrant them equal to any similar goods in the market.



Yankee



Ohio



Western



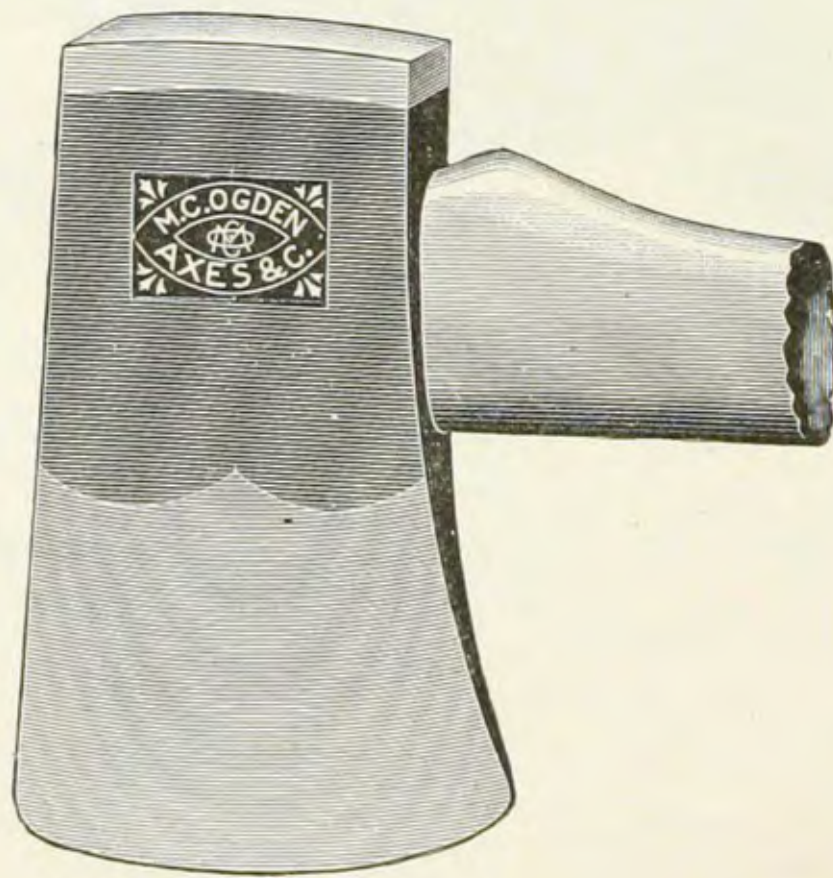
Kentucky

3 to 4, $3\frac{1}{4}$ to $4\frac{1}{4}$, $3\frac{1}{2}$ to $4\frac{1}{2}$ pounds,
 $3\frac{3}{4}$ to $4\frac{3}{4}$, 4 to 5, $4\frac{1}{4}$ to $5\frac{1}{4}$ "
 $4\frac{1}{2}$ to $5\frac{1}{2}$, $4\frac{1}{2}$ to 6 "
 5 to 6 "

per dozen, \$
 " "
 " "
 " "

One dozen in a case.

HANDLED AXES



MEN'S

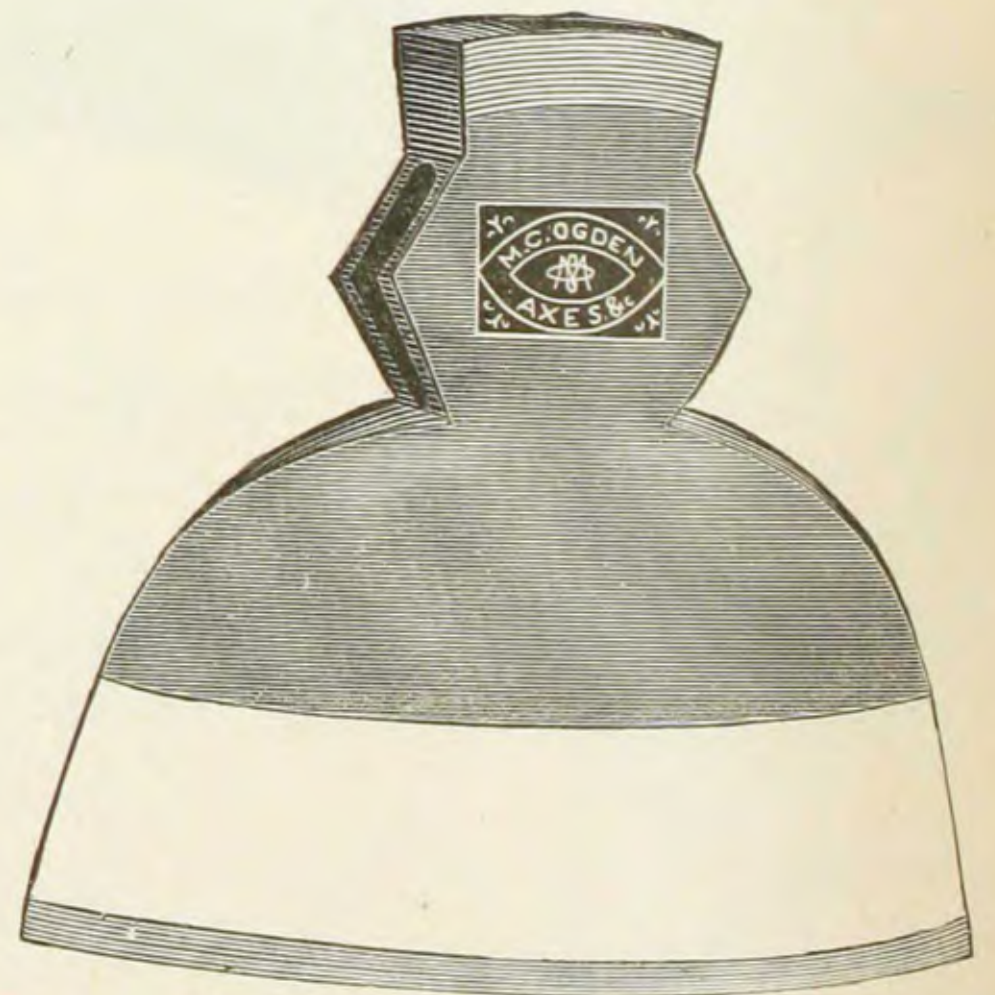
$3\frac{1}{2}$ to $4\frac{1}{2}$, 4 to 5 pounds, Per dozen, \$16.50
 $4\frac{1}{2}$ to $5\frac{1}{2}$ pounds, 17.00
 Solid Steel, $3\frac{1}{2}$ to $4\frac{1}{2}$, 4 to 5 pounds, 20.00

BOYS'

No. 2 Cut 4 inches,
 Phantom Bevel, Cut 4 inches,
 One dozen in a case.

Per dozen.
 \$13.50
 13.50

BROAD AXES



WESTERN

$5\frac{1}{2}$ to $7\frac{1}{2}$ pounds, per dozen, \$32.00

PENNSYLVANIA OR PITTSBURGH

6 to $7\frac{1}{2}$ pounds, per dozen, \$32.00

NEW YORK

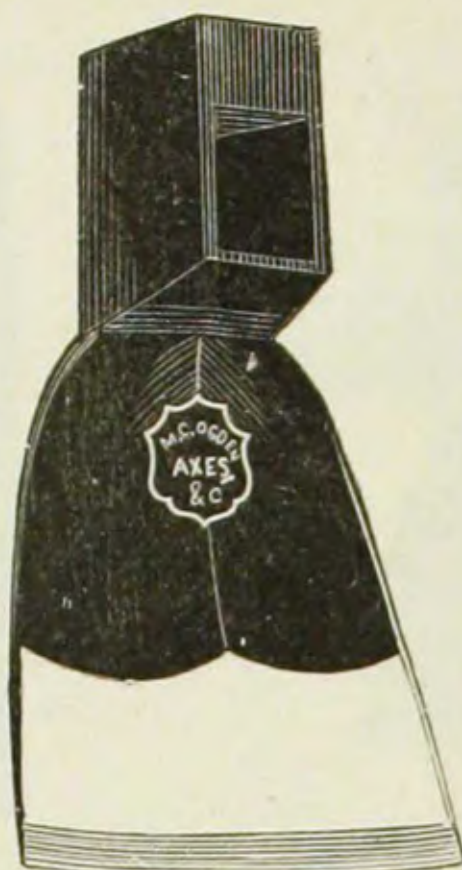
5 to 7 pounds, per dozen, \$32.00



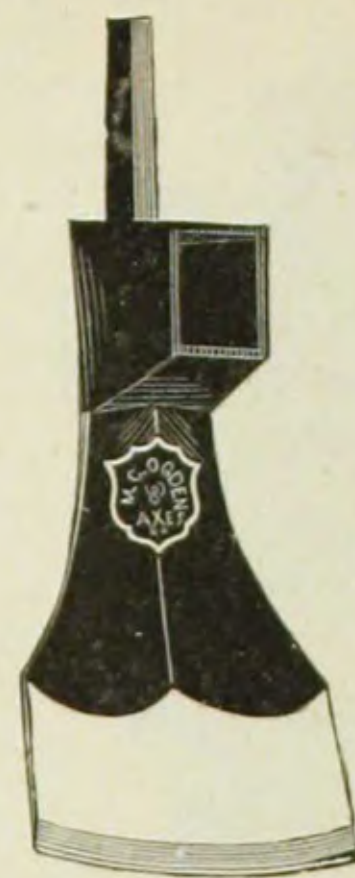
M. C. OGDEN'S ADZES



Half Head



Railroad



Ship

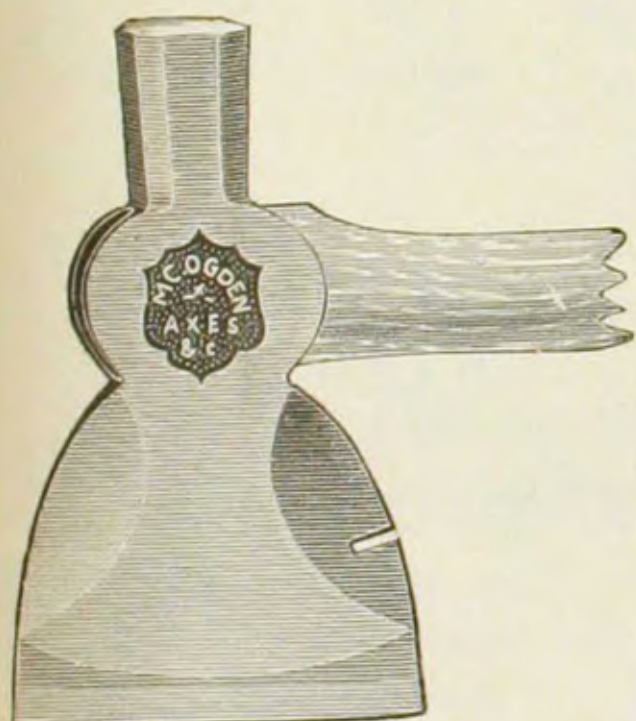
House, Square or Half Head, 4 to 4 1/2 inch cut,
 House, Flat or Full Head, 4 to 4 1/2 inch cut,
 Railroad, 5 to 5 1/2 inch cut,
 Ship, 4 to 4 1/2 " "

Half dozen in a case.

per dozen, \$24.00
 " " 24.00
 " " 26.00
 " " 25.00

M. C. OGDEN'S BEST CAST STEEL BEVELED HATCHETS

POLISHED AND ETCHED



Nos.
 Length of cut, inches,
 Per dozen,

SHINGLING

Nos.	1	2	3
Length of cut, inches,	3 1/2	3 7/8	4 3/8
Per dozen,	\$10.00	11.00	12.00

CLAW

Nos.
 Length of cut, inches,
 Per dozen,

Nos.	1	2	3
Length of cut, inches,	3 1/2	3 7/8	4 3/8
Per dozen,	\$11.00	12.00	13.00

HALF

Nos.
 Length of cut, inches,
 Per dozen,

Nos.	1	2	3
Length of cut, inches,	3 1/8	3 3/8	3 5/8
Per dozen,	\$10.50	11.50	12.50

Half dozen in a box.

M. C. OGDEN'S FULL POLISHED HATCHETS

HAINES' PATTERN
 SOLID CAST STEEL

SHINGLING

Nos.
 Length of cut, inches,
 Per dozen,

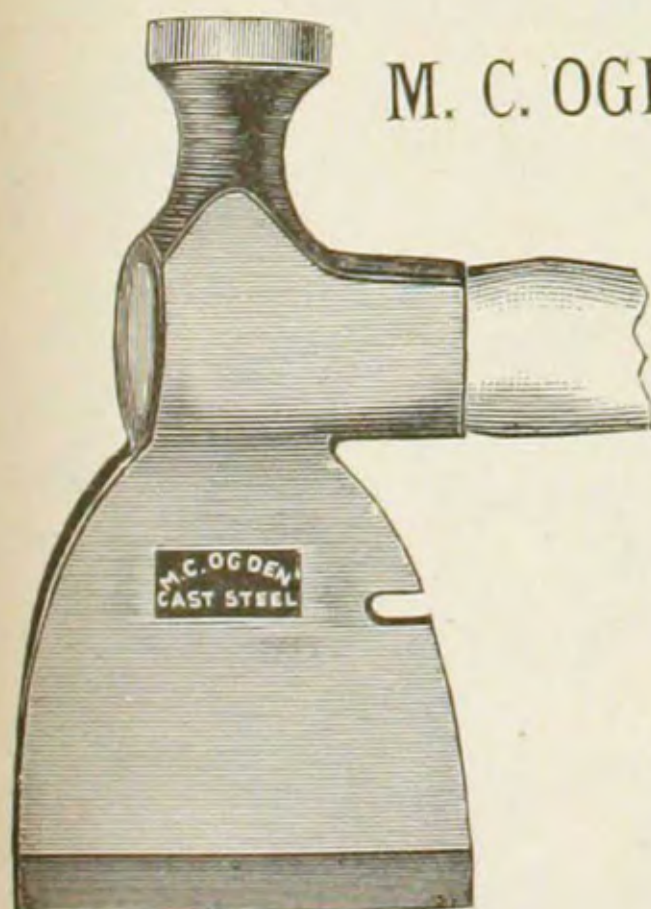
Nos.	1	2
Length of cut, inches,	3 1/4	3 1/2
Per dozen,	\$13.50	14.50

HALF

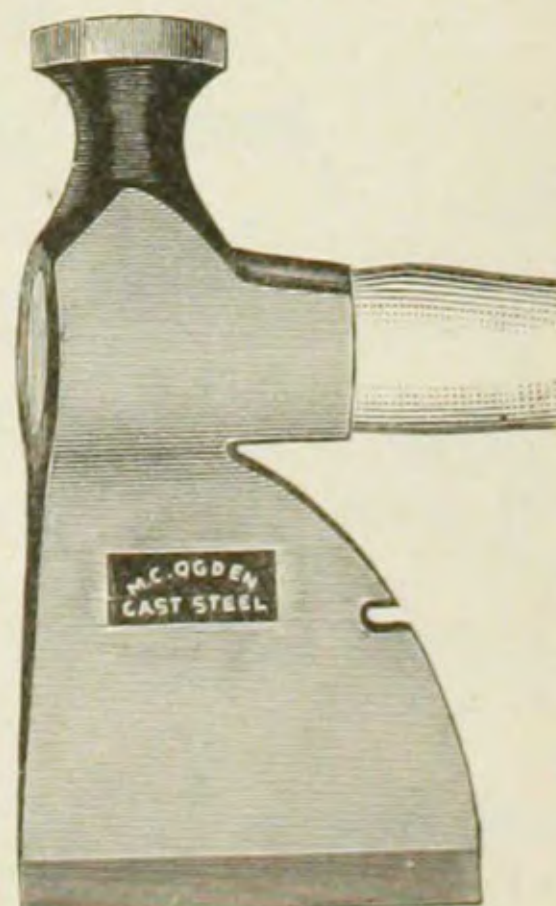
Nos.
 Length of cut, inches,
 Per dozen,

Nos.	1	2
Length of cut, inches,	3 1/4	3 1/2
Per dozen,	\$13.50	14.50

Half dozen in a box.



Shingling



Half



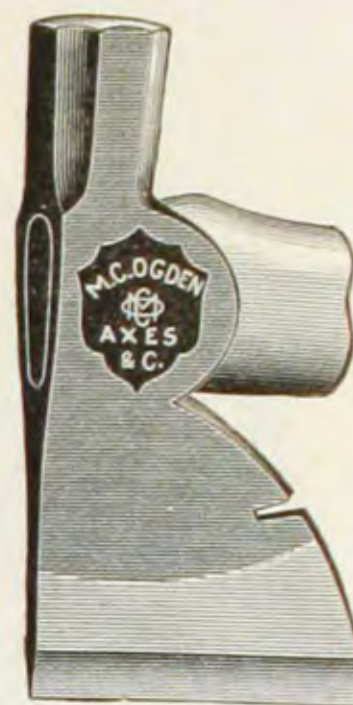
M. C. OGDEN'S BEST CAST STEEL HATCHETS



Shingling



Claw



Half



Lathing

SHINGLING

Nos.	0	1	2	3
Length of Cut, inches,	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{7}{8}$	4 $\frac{3}{8}$
Per dozen,	\$7.50	8.00	8.50	9.00

SOLID CAST STEEL, POLISHED AND ETCHED

Nos.	1	2	3
Per dozen,	\$10.00	11.00	12.00

CLAW

Nos.	1	2	3
Length of Cut, inches,	3 $\frac{1}{2}$	3 $\frac{7}{8}$	4 $\frac{3}{8}$
Per dozen,	\$9.00	9.50	10.00

Half dozen in a box.

HALF

Nos.	1	2	3
Length of Cut, inches,	3 $\frac{1}{8}$	3 $\frac{5}{8}$	4
Per dozen,	\$8.50	9.00	9.50

SOLID CAST STEEL, POLISHED AND ETCHED

Nos.	1	2	3
Per dozen,	\$10.50	11.50	12.50

LATHING

Nos.	1	2	3
Length of Cut, inches,	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3
Per dozen,	\$8.00	8.50	9.00



HUNTERS'

Length of Cut, 3 $\frac{1}{2}$ inches,
Per dozen, \$10.00
Half dozen in a box.



BARRELING

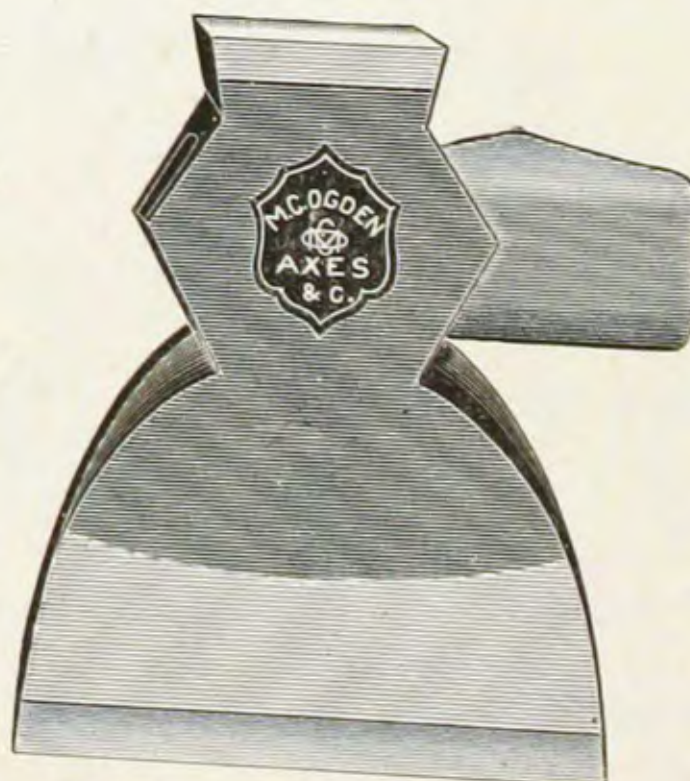
Nos.	1	2
Length of Cut, in.,	2 $\frac{1}{8}$	2 $\frac{3}{8}$
Per dozen,	\$8.00	8.50

Half dozen in a box.

SINGLE BEVEL

Nos.	1	2
Length of Cut, in.,	4	4 $\frac{1}{2}$
Per dozen,	\$10.50	11.50
Nos.	3	4
Length of Cut, in.,	5	5 $\frac{1}{2}$
Per dozen,	\$13.00	14.50
Nos.	5	6
Length of Cut, in.,	6	6 $\frac{1}{2}$
Per dozen,	\$16.50	18.00
Nos.	7	8
Length of Cut, in.,	7	7 $\frac{1}{2}$
Per dozen,	\$19.50	22.00

BROAD



Half dozen in a wooden box.

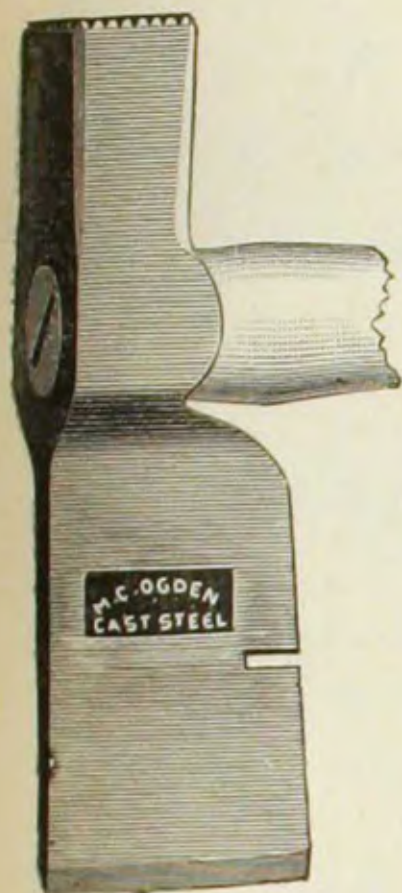
DOUBLE BEVEL

Nos.	1	2	3
Length of Cut, inches,	4 $\frac{1}{4}$	4 $\frac{3}{4}$	5 $\frac{1}{4}$
Per dozen,	\$11.50	13.00	14.50
Nos.	4	5	6
Length of Cut, inches,	5 $\frac{3}{4}$	6 $\frac{1}{4}$	6 $\frac{3}{4}$
Per dozen,	\$16.50	19.00	22.00

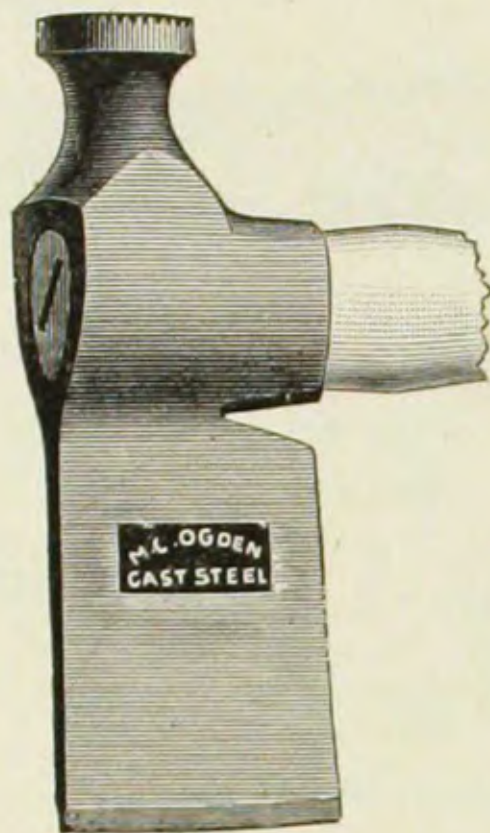


M. C. OGDEN'S FULL POLISHED LATHING HATCHETS

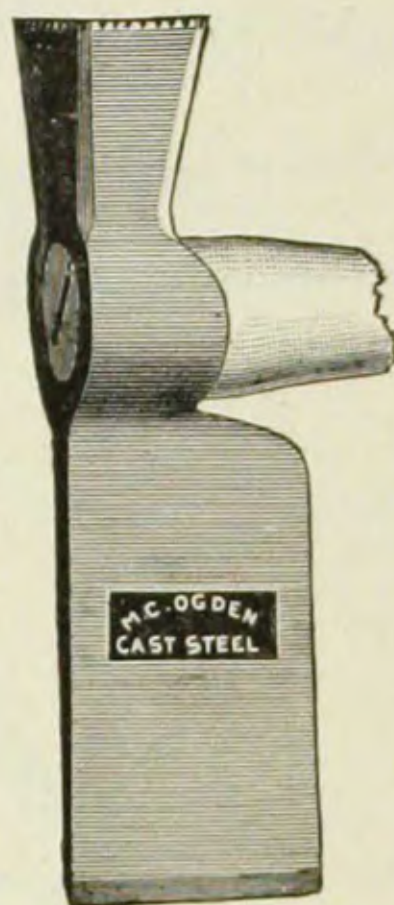
SOLID CAST STEEL



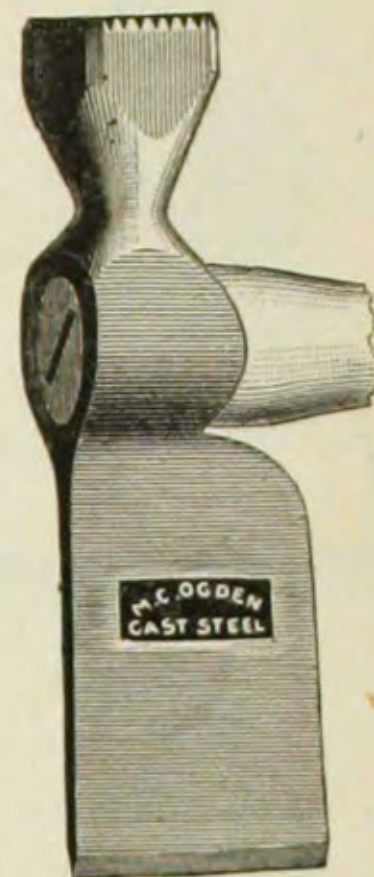
No. 11



No. 21



No. 31



No. 41

Nos.
Length of Cut, inches,
Per dozen,

11
2 1/4
\$13.50

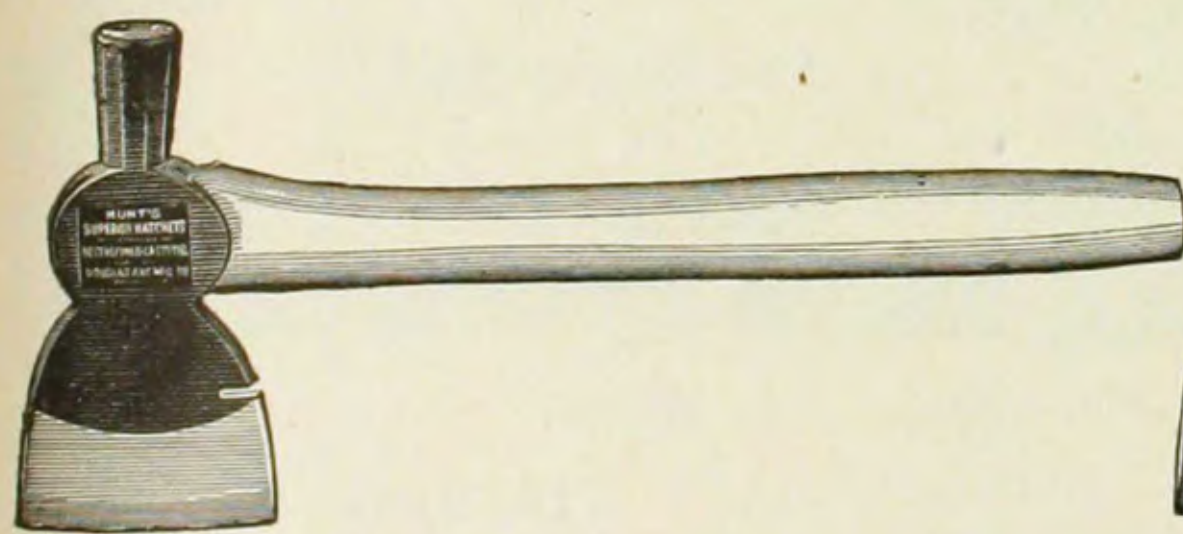
21
2 1/4
13.50

31
2
16.50

41
2
18.50

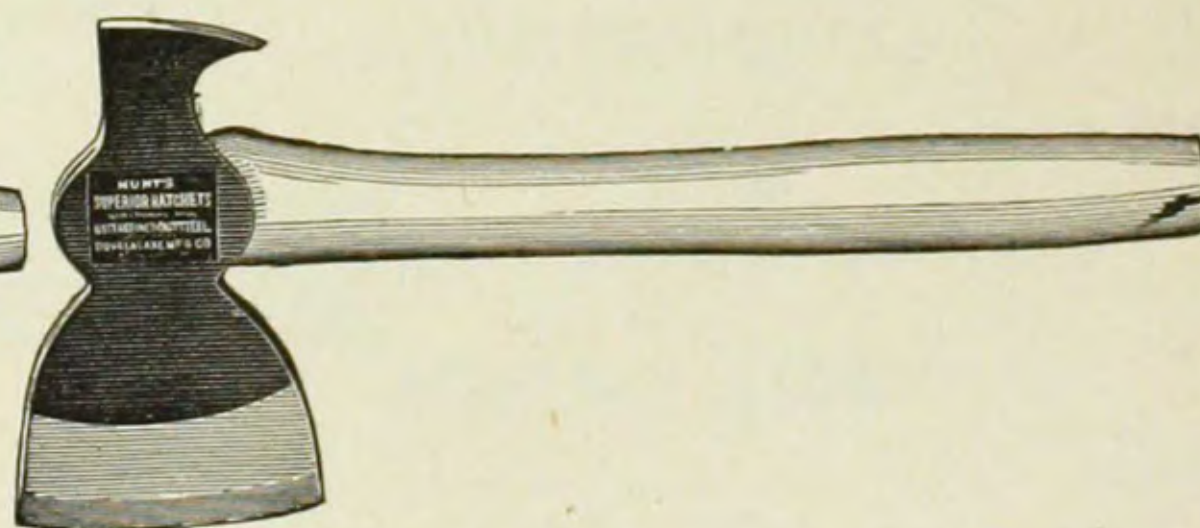
Half dozen in a box.

HUNT'S HATCHETS



SHINGLING

Nos.	1	2	3
Length of Cut, inches,	3 1/2	3 7/8	4 3/8
Per dozen,	\$8.00	8.50	9.00



CLAW

Nos.	1	2	3
Length of Cut, inches,	3 1/2	3 7/8	4 3/8
Per dozen,	\$9.00	9.50	10.00

Half dozen in a box.

LATH

Nos.	1	2	3
Length of Cut, inches,	2 1/2	2 3/4	3
Per dozen,	\$8.00	8.50	9.00

HALF

Nos.	1	2	3
Length of Cut, inches,	3 1/4	3 3/4	4 1/4
Per dozen,	\$8.50	9.00	9.50

Half dozen in a box.

BROAD

Nos.	1	2	3	4
Length of Cut, inches,	4	4 1/2	5	5 1/2
Per dozen,	\$10.50	11.50	13.00	14.50

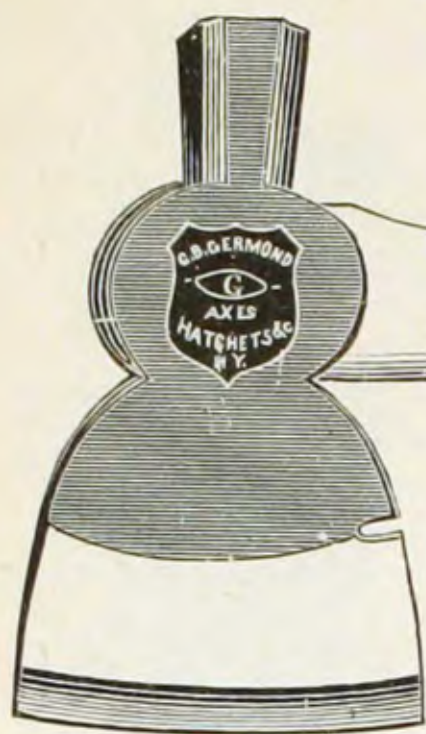
Nos.	5	6	7	8
Length of Cut, inches,	6	6 1/2	7	7 1/2
Per dozen,	\$16.50	18.00	19.50	22.00

Nos. 1 and 2, Double Bevel; other Nos., Single Bevel.
Half dozen in a package.



G. B. GERMOND'S CAST STEEL HATCHETS AND AXES

FINISHED IN BRONZE, WITH STEEL POLES, HANDSOMELY LABELED

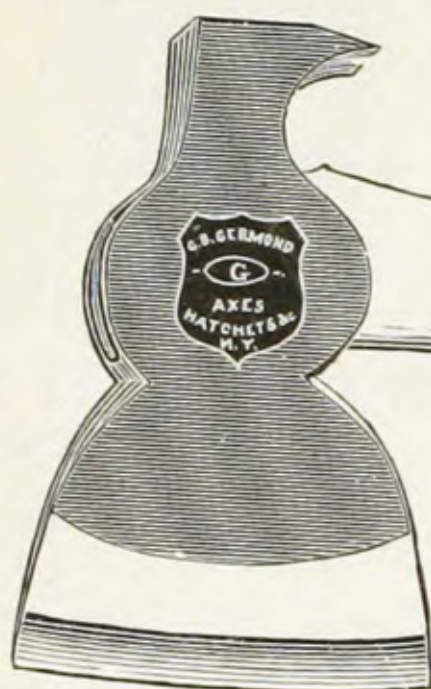


SHINGLING HATCHETS

Nos.	1	2	3
Per dozen,	\$8.00	8.50	9.00

BOYS' AXES, HANDLED

No.	1	2	3
3 3/4 inch Cut,			
4 " "			
Per dozen,	\$10.25	12.25	
Half dozen in a package.			



CLAW HATCHETS

Nos.	1	2	3
Per dozen,	\$9.00	9.50	10.00

HANDLED AXES

Weight, 3 1/2 to 4 3/4 lbs., \$18.00
One dozen in a crate.

ICE AXES

3 1/2 inch Cut,
One dozen in a case.

W. G. SMYTHE'S CAST STEEL HATCHETS

BRONZED

Nos.	1	2	3
Per dozen,	\$8.50	9.00	9.50

LATHING HATCHETS

Nos.	1	2	3
Per dozen,	\$8.00	8.50	9.00

Above, half dozen in a box.

BROAD HATCHETS

Nos.	1	2	3
Length of Cut, inches,	4	4 1/2	5
Per dozen,	\$10.50	11.50	13.00
Nos.	4	5	6
Length of Cut, inches,	5 1/2	6	6 1/2
Per dozen,	\$14.50	16.50	18.00

Half dozen in a package.

HUNTERS' HATCHETS



Nos.	1	2	3
Per dozen,	\$10.00	11.00	12.00

Half dozen in a box.

SHINGLING HATCHETS

Nos.	1	2	3
Per dozen,	\$8.00	8.50	9.00

CLAW HATCHETS

Nos.	1	2	3
Per dozen,	\$9.00	9.50	10.00

LATH HATCHETS

Nos.	1	2	3
Per dozen,	\$8.00	8.50	9.00

HALF HATCHETS

Nos.	1	2	3
Per dozen,	\$8.00	8.50	9.00

Half dozen in a box.

HANDLED AXES

Weight, 3 3/4 to 4 3/4 lbs., per dozen, \$12.00
One dozen in a crate.

G. W. CRAHAN'S HATCHETS

SHINGLING HATCHETS

Nos.	1	2	3
Per dozen,	\$3.25	3.50	3.75

CLAW HATCHETS

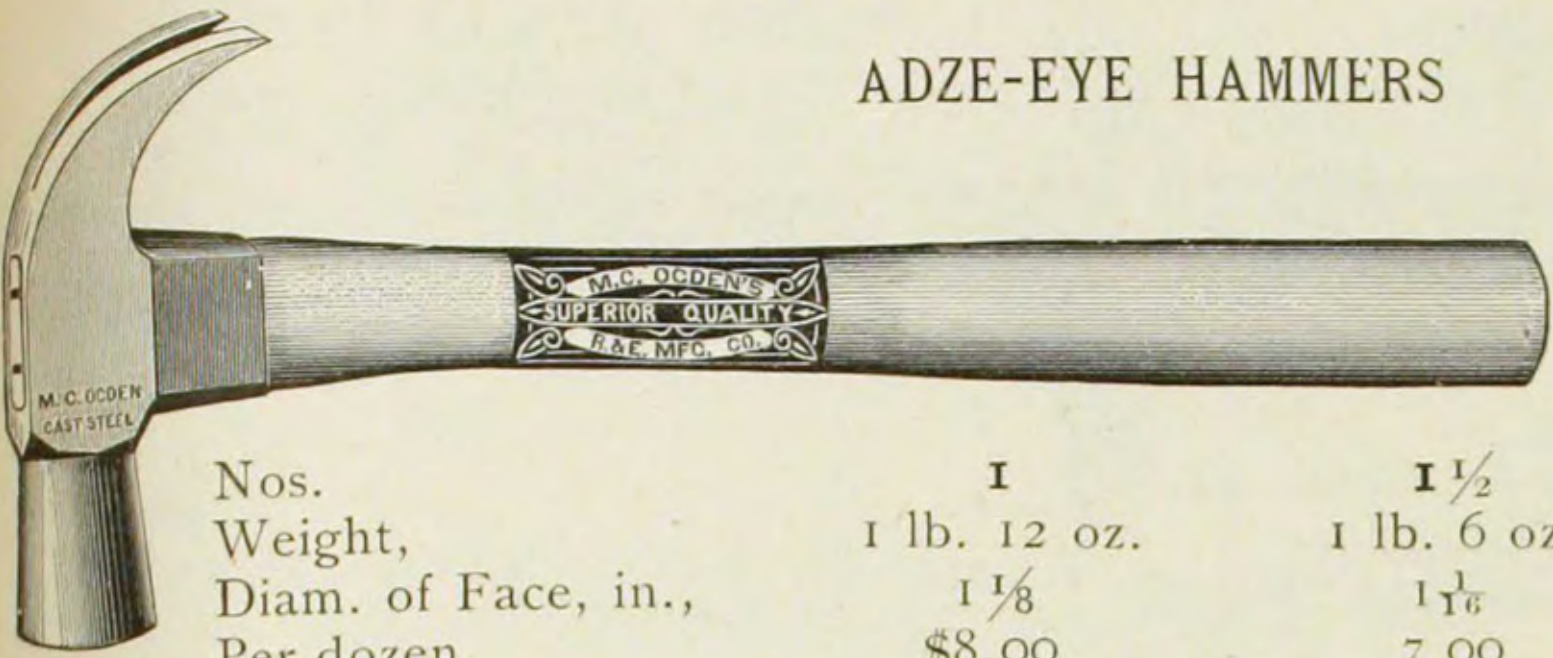
Nos.	1	2	3
Per dozen,	\$3.50	3.75	4.00

Half dozen in a package.



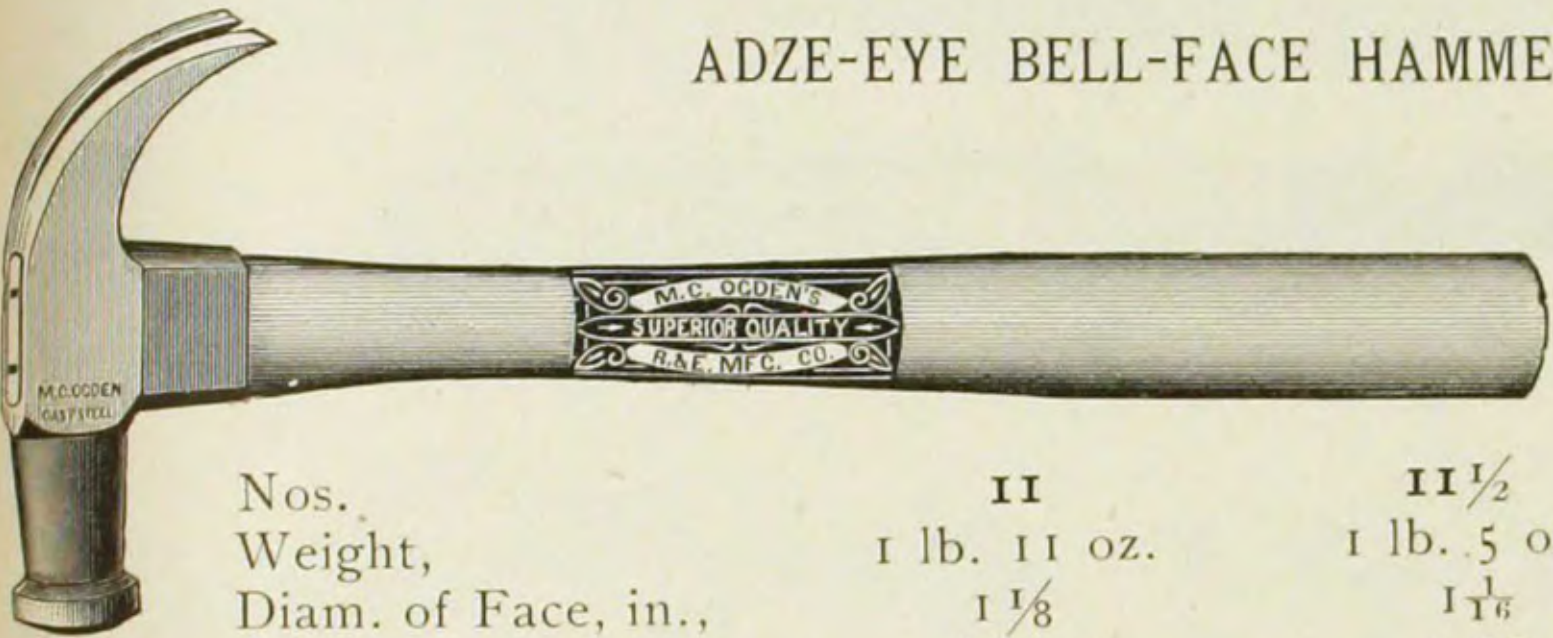
M. C. OGDEN'S SOLID CAST STEEL HAMMERS

ADZE-EYE HAMMERS



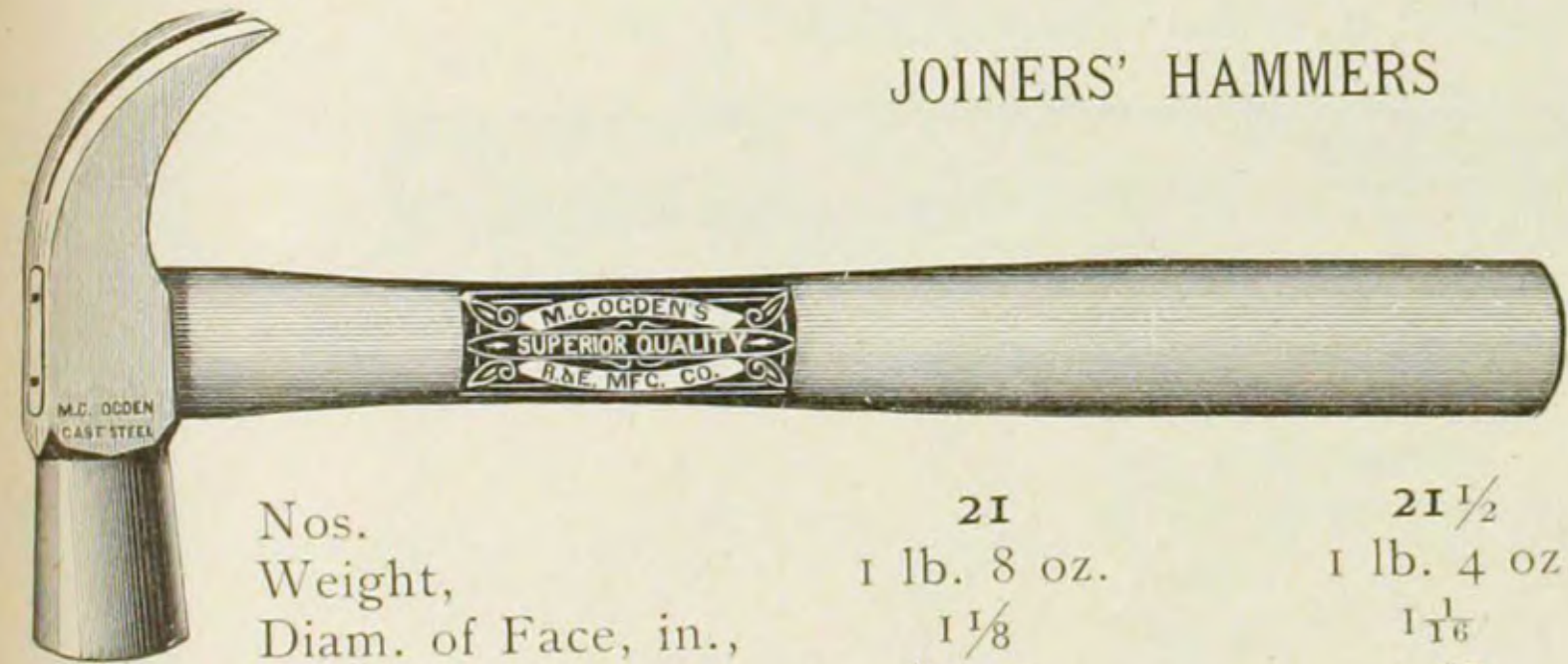
Nos.	I	I 1/2	2	3
Weight,	1 lb. 12 oz.	1 lb. 6 oz.	1 lb. 2 oz.	11 oz.
Diam. of Face, in.,	1 1/8	1 1/8	1	1 3/8
Per dozen,	\$8.00	7.00	6.00	5.00

ADZE-EYE BELL-FACE HAMMERS



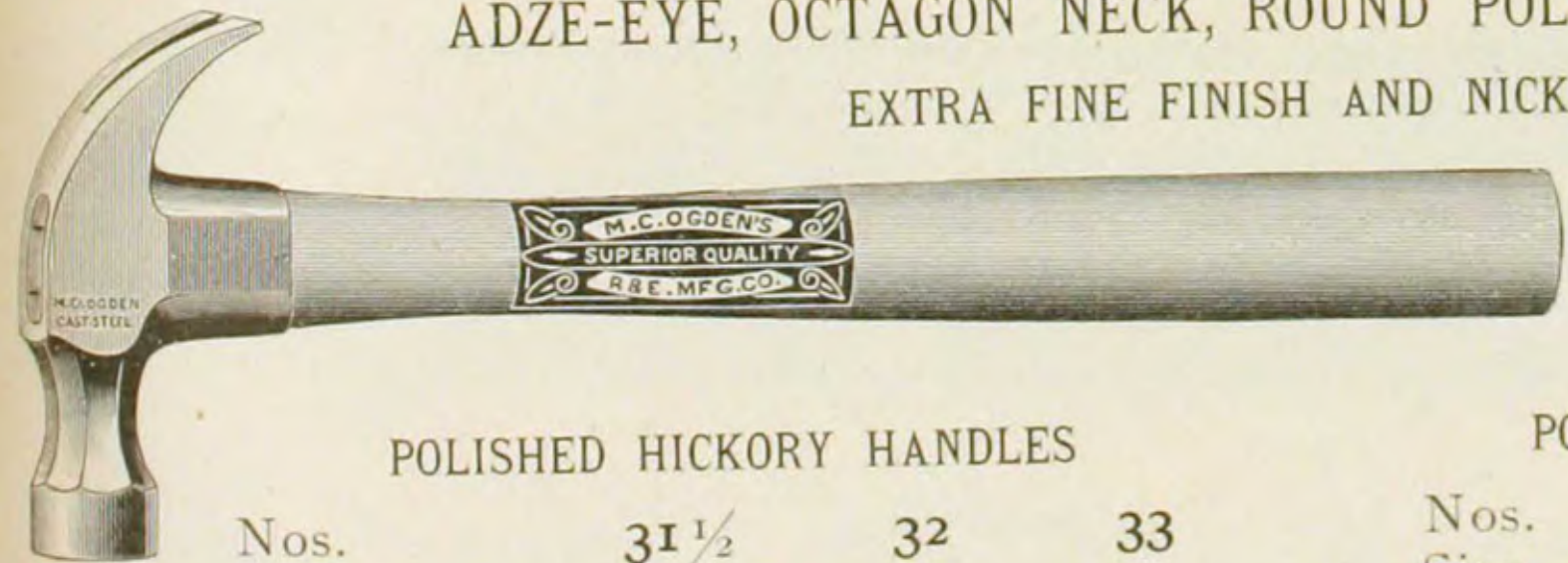
Nos.	II	II 1/2	12	13
Weight,	1 lb. 11 oz.	1 lb. 5 oz.	1 lb. 1 oz.	11 oz.
Diam. of Face, in.,	1 1/8	1 1/8	1 1/8	1 3/8
Per dozen,	\$8.00	7.00	6.00	5.00

JOINERS' HAMMERS



Nos.	2I	2I 1/2	22	23
Weight,	1 lb. 8 oz.	1 lb. 4 oz.	1 lb. 2 oz.	9 oz.
Diam. of Face, in.,	1 1/8	1 1/8	1	1 1/8
Per dozen,	\$5.00	4.50	4.00	3.50

ADZE-EYE, OCTAGON NECK, ROUND POLE HAMMERS
EXTRA FINE FINISH AND NICKEL-PLATED



POLISHED HICKORY HANDLES			
Nos.	3I 1/2	32	33
Size,	1 1/2	2	3
Per dozen,	\$13.25	12.75	12.25
Above weights are including Handle.			

POLISHED APPLEWOOD HANDLES			
Nos.	4I 1/2	42	43
Size,	1 1/2	2	3
Per dozen,	\$13.75	13.25	12.75
Above, half dozen in a box.			



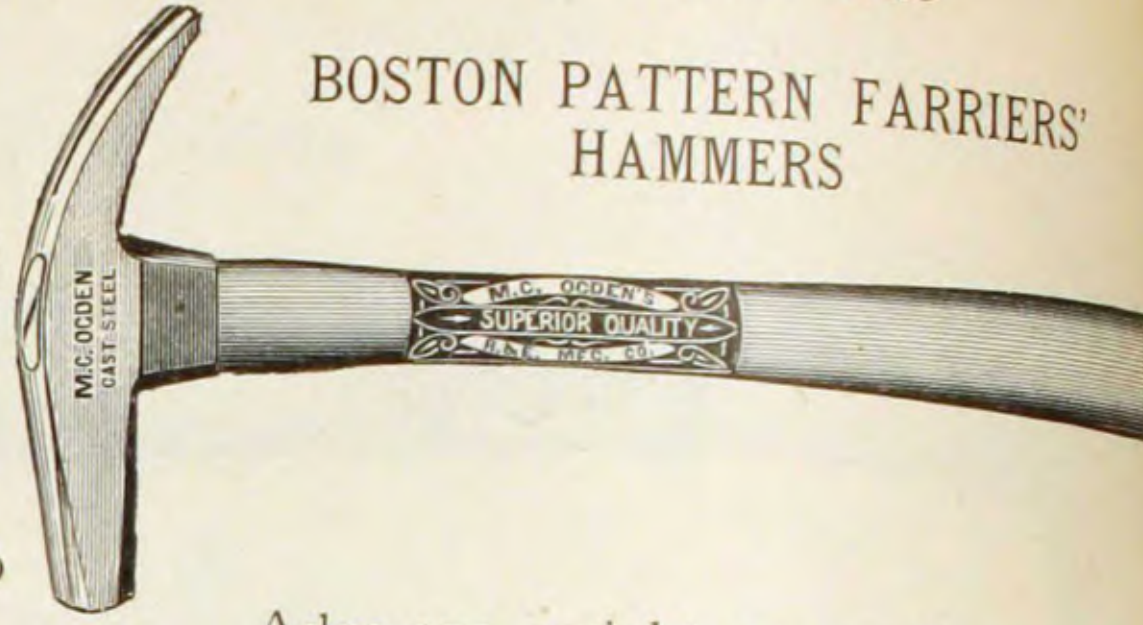
M. C. OGDEN'S CAST STEEL HAMMERS

FARRIERS' HAMMERS



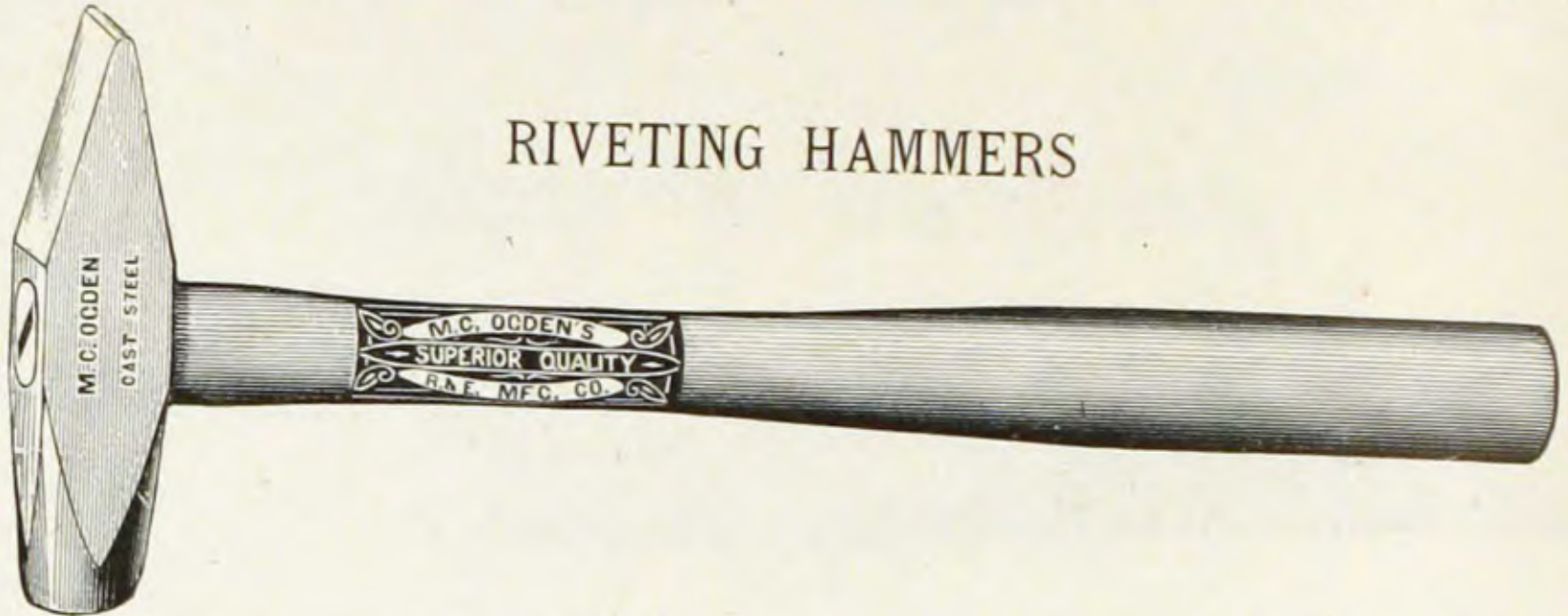
Plain, weight, 8 oz., diam. of
Face, $\frac{7}{16}$ inch, per dozen, \$4.00
Adze-eye, weight, 12 oz., diam.
of Face, $\frac{7}{16}$ inch, per dozen, 5.50

BOSTON PATTERN FARRIERS' HAMMERS



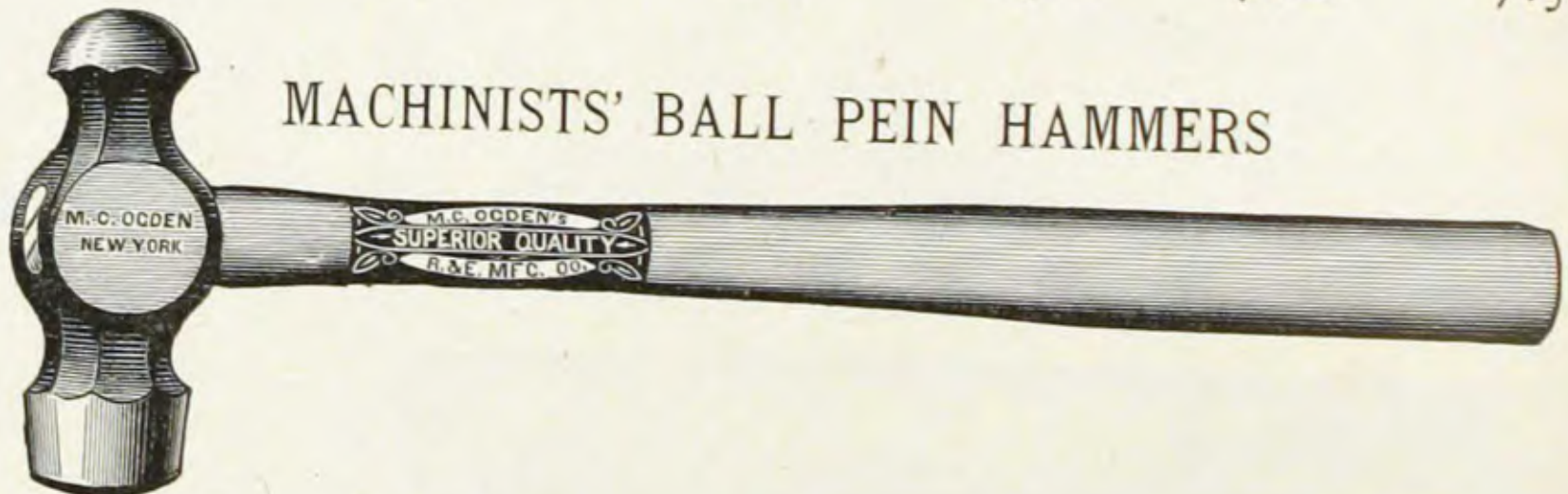
Adze-eye, weight, 14 oz., diameter
of Face, $\frac{5}{8}$ inch, per dozen, \$7.00

RIVETING HAMMERS



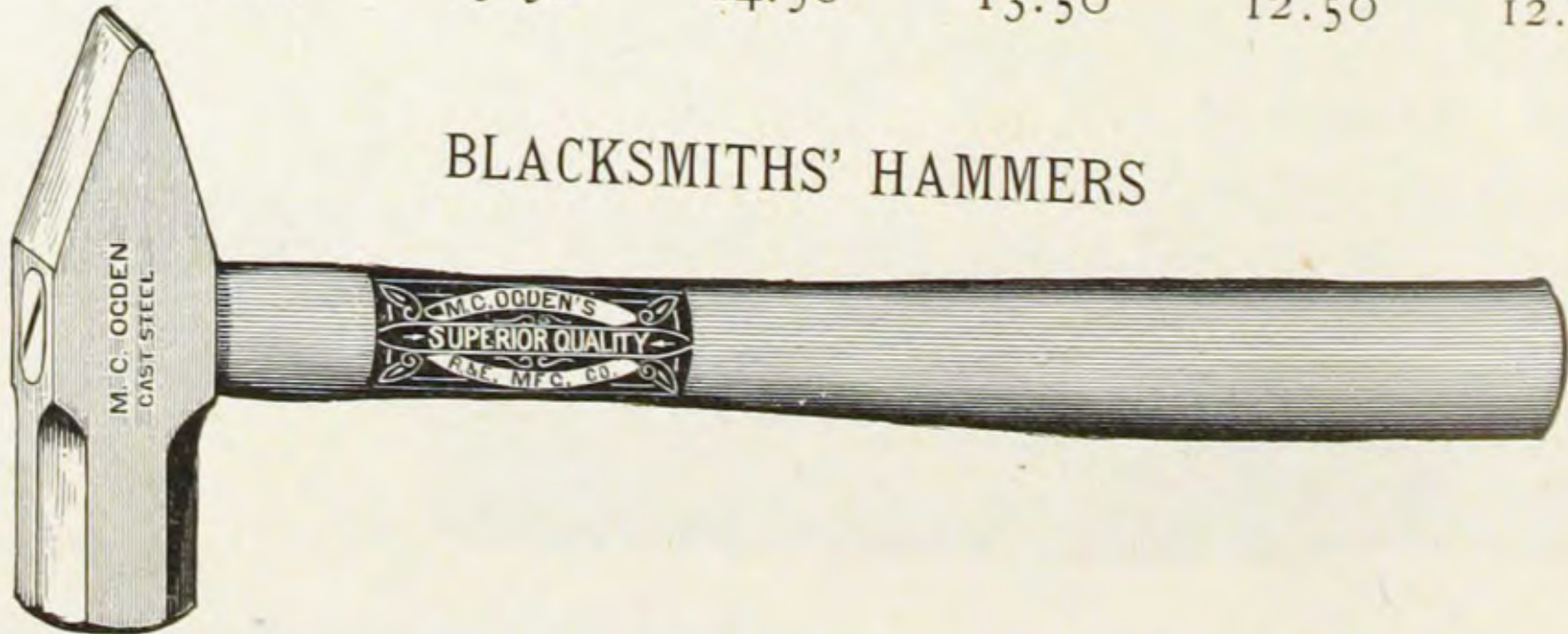
Nos.	0	1	2	3	4	5	6	7
Weight,	6 oz.	9 oz.	12 oz.	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.	1 lb. 12 oz.	1 lb. 14 oz.
Diam. of Face, inches,	$\frac{7}{16}$	$\frac{11}{16}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1	$1\frac{1}{16}$	$1\frac{1}{8}$
Per dozen,	\$5.50	5.75	6.00	6.25	6.50	7.00	7.50	8.00

MACHINISTS' BALL PEIN HAMMERS



Nos.	0	1	2	3	4	5	6
Weight,	2 lbs. 8 oz.	2 lbs.	1 lb. 14 oz.	1 lb. 9 oz.	1 lb. 5 oz.	1 lb.	12 oz.
Diam. of Face, inches,	$1\frac{5}{8}$	$1\frac{1}{2}$	$1\frac{7}{16}$	$1\frac{3}{8}$	$1\frac{5}{16}$	$1\frac{3}{16}$	$1\frac{1}{8}$
Per dozen,	\$16.50	15.50	14.50	13.50	12.50	12.00	12.00

BLACKSMITHS' HAMMERS

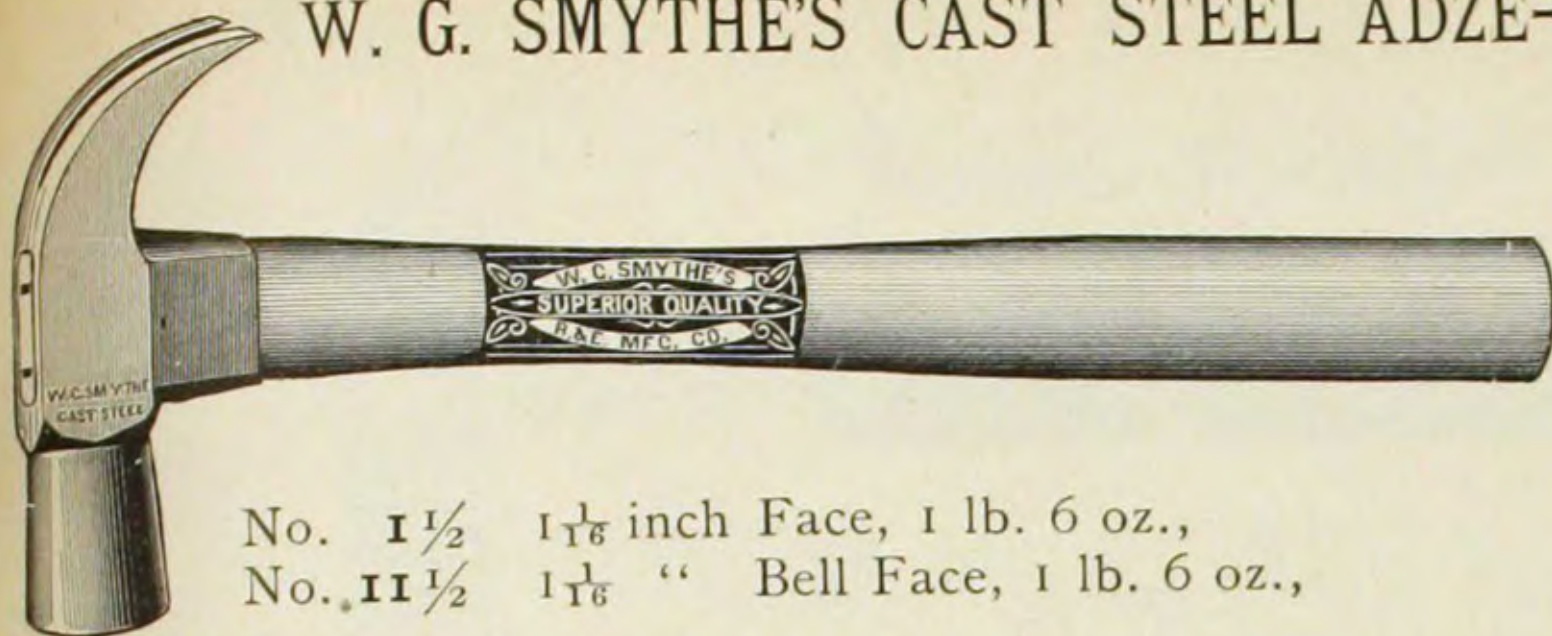


Nos.	0	1	2	3	4
Weight,	1 lb. 10 oz.	2 lbs.	2 lbs. 8 oz.	3 lbs. 4 oz.	3 lbs. 14 oz.
Diam. of Face, inches,	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$
Per dozen,	\$12.00	13.00	14.00	15.00	16.00

Above weights are including Handles. All above, half dozen in a box.



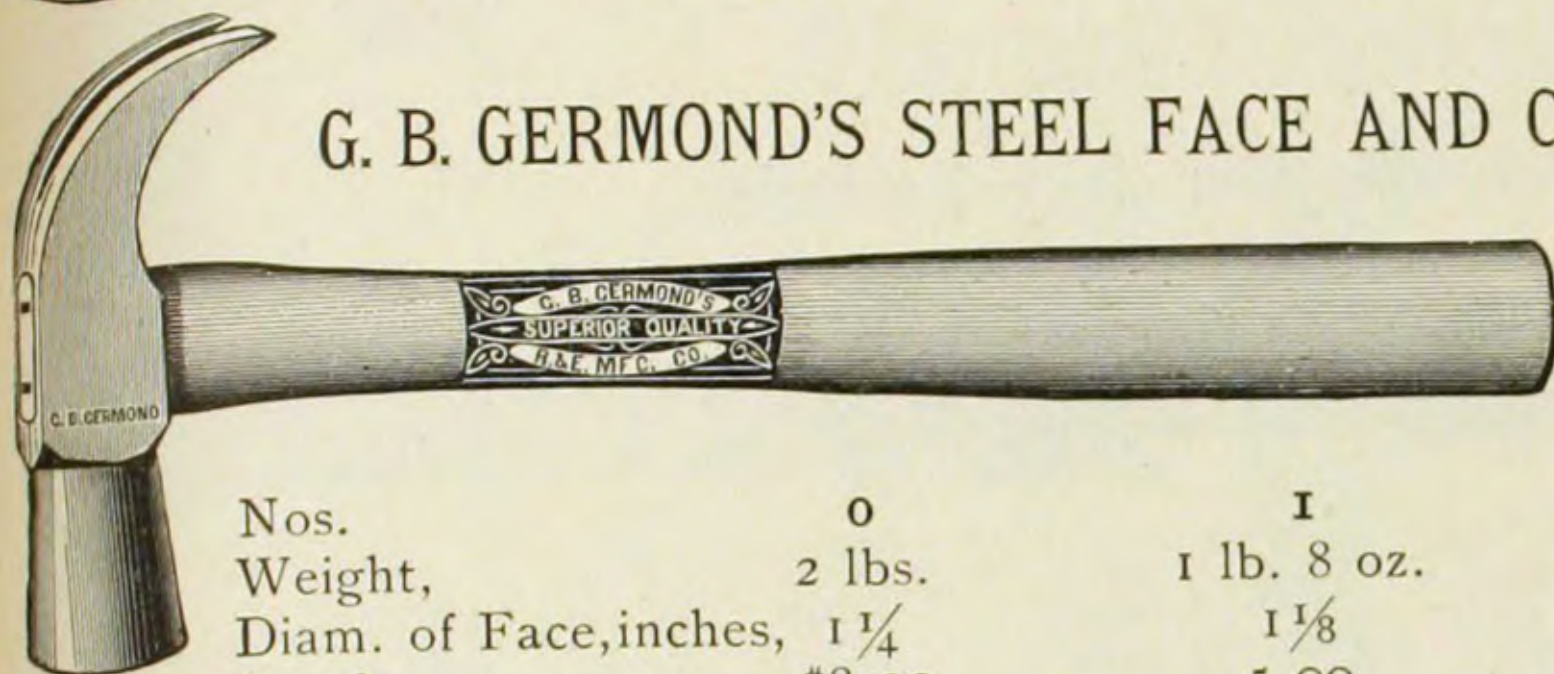
W. G. SMYTHE'S CAST STEEL ADZE-EYE NAIL HAMMERS



No. 1 1/2 1 1/8 inch Face, 1 lb. 6 oz.,
 No. 1 1/2 1 1/8 " Bell Face, 1 lb. 6 oz.,

per dozen, \$7.00
 " " 7.00

G. B. GERMOND'S STEEL FACE AND CLAW NAIL HAMMERS



Nos. 0
 Weight, 2 lbs.
 Diam. of Face, inches, 1 1/4
 Per dozen, \$8.00

1
 1 lb. 8 oz.
 1 1/8
 5.00

1 1/2
 1 lb. 5 oz.
 1 1/8
 4.50

2
 1 lb. 2 oz.
 1
 4.00

RUSSELL'S
POLISHED NAIL HAMMERS

WROUGHT

No. 1 1/2 1 1/8 inch Face, 1 lb. 4 oz., \$3.75
 No. 2 1 " " 1 " 2 " 3.50

Per dozen.

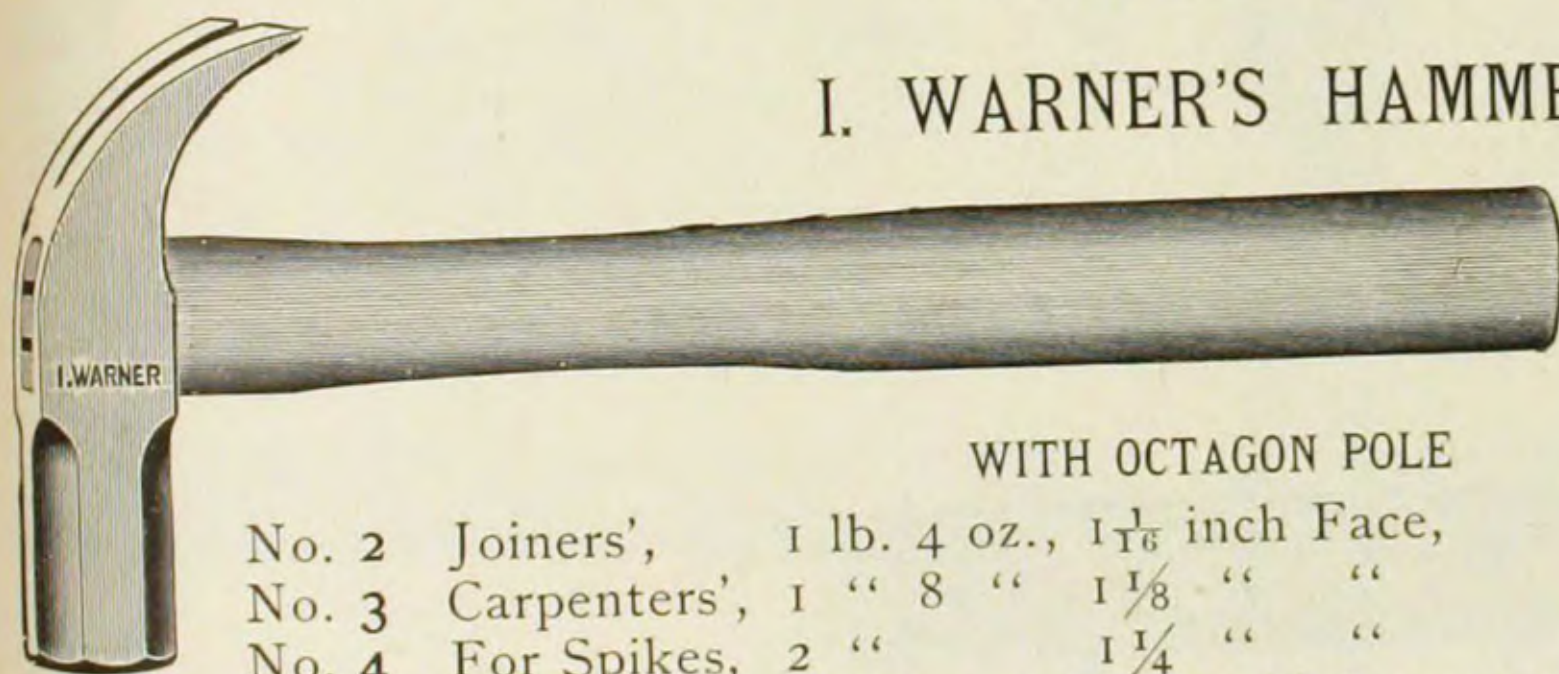
T. E. SMITH'S
STEEL FACE NAIL HAMMERS

Per dozen.

No. 1 1/2 1 1/8 inch Face, 1 lb. 4 oz., \$4.00
 No. 2 1 " " 1 " 2 " 3.75

Above, half dozen in a box.

I. WARNER'S HAMMERS



WITH OCTAGON POLE

No. 2 Joiners', 1 lb. 4 oz., 1 1/8 inch Face,
 No. 3 Carpenters', 1 " 8 " 1 1/8 " "
 No. 4 For Spikes, 2 " 1 1/4 " "

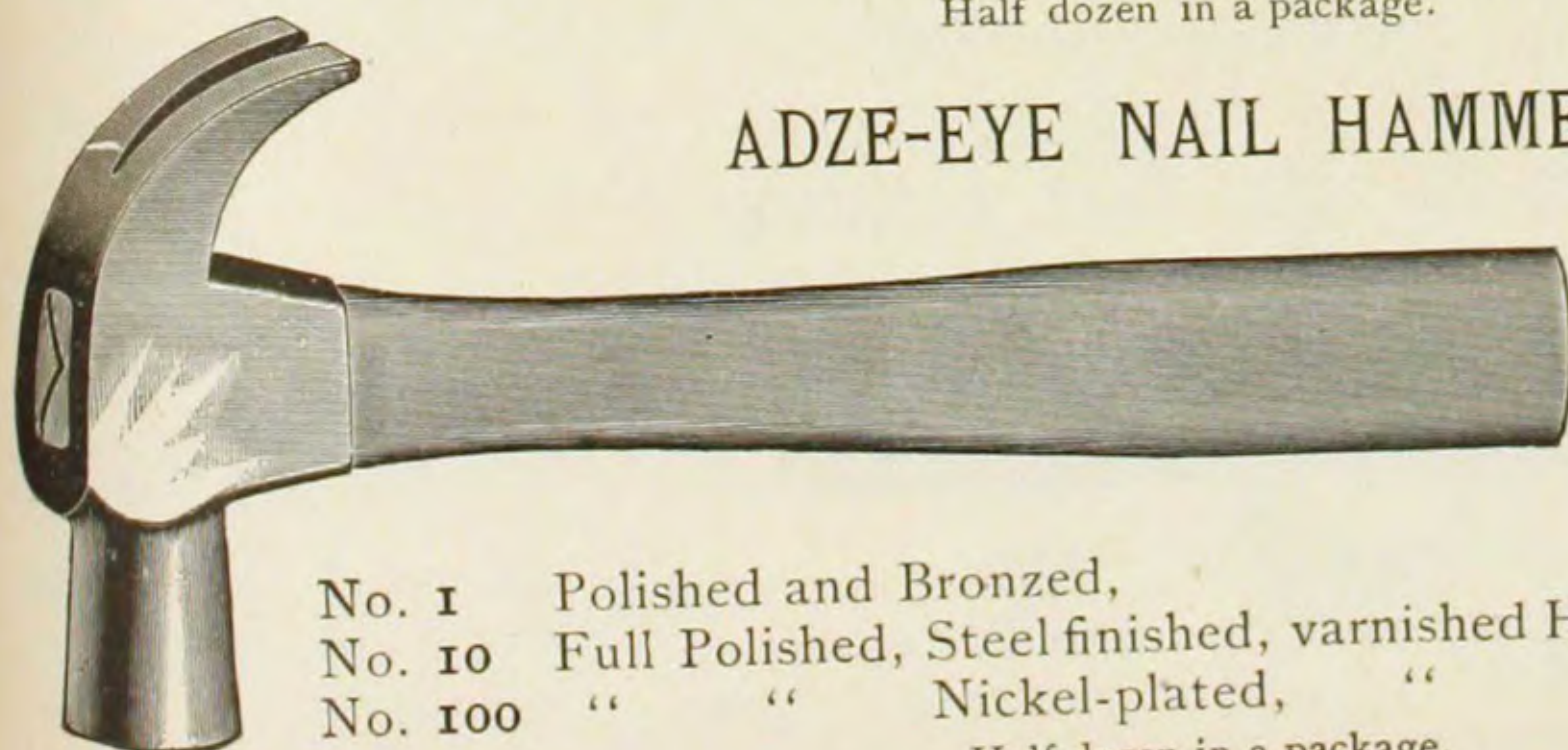
per dozen, \$5.00
 " " 5.35
 " " 6.80

For Checkered Face, add \$0.50 per dozen.

Above weights are including Handle.

Half dozen in a package.

ADZE-EYE NAIL HAMMERS



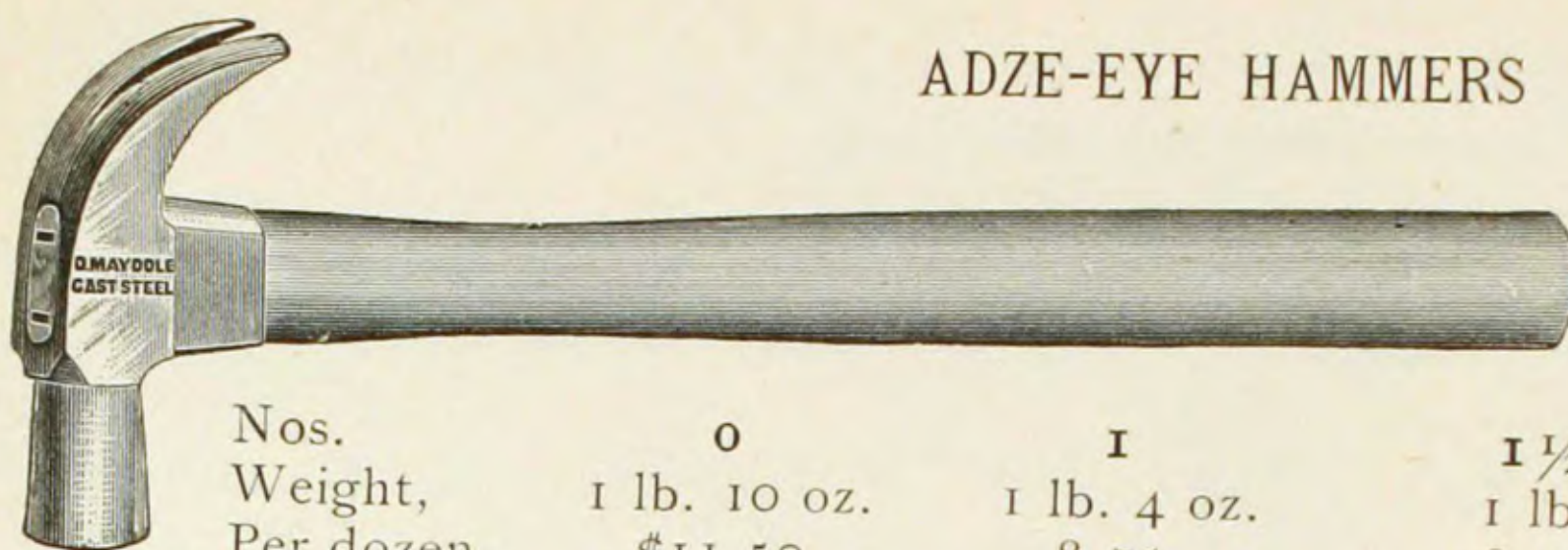
No. 1 Polished and Bronzed, per dozen, \$2.20
 No. 10 Full Polished, Steel finished, varnished Hickory Handles, " " 2.75
 No. 100 " " Nickel-plated, " " " " 3.50

Half dozen in a package.



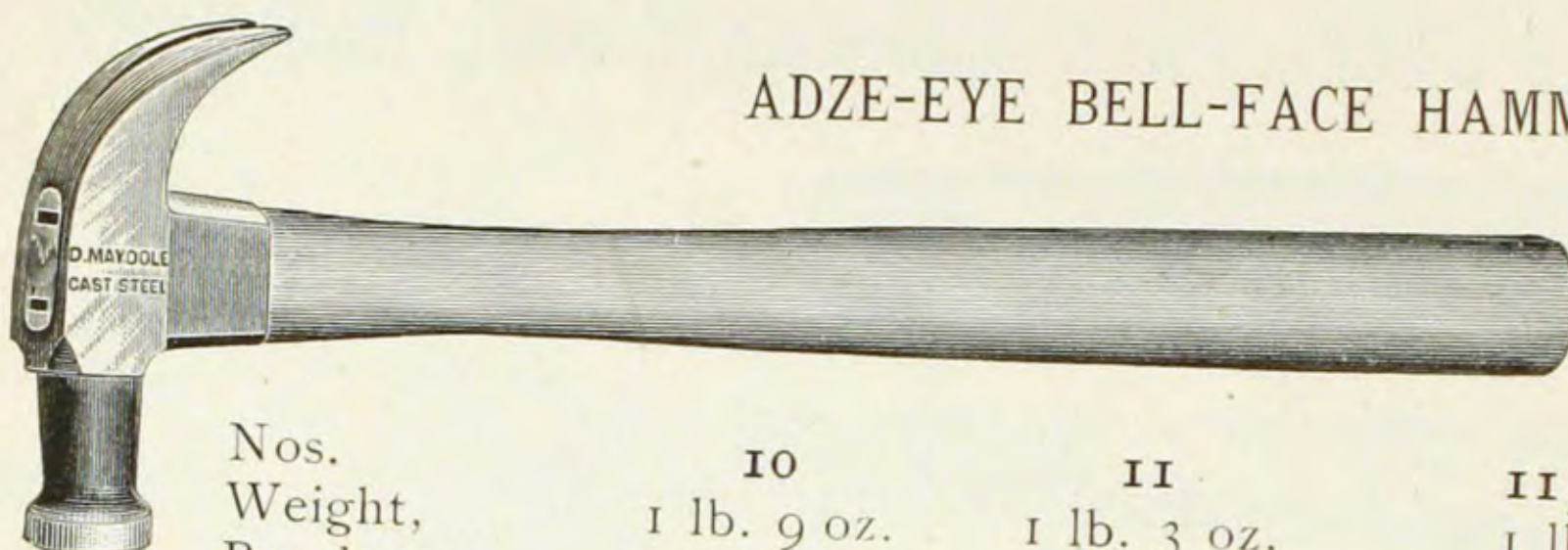
MAYDOLE'S SOLID CAST STEEL HAMMERS

ADZE-EYE HAMMERS



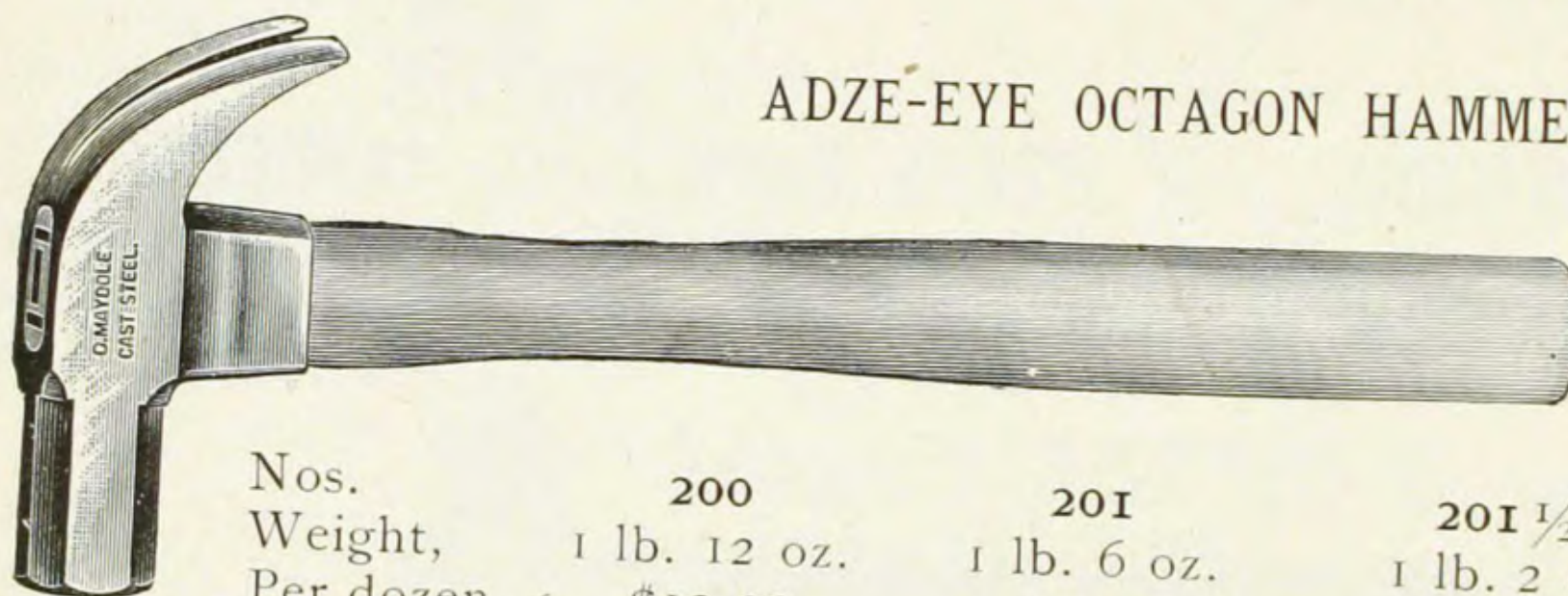
Nos.	0	I	I 1/2	2	3
Weight,	1 lb. 10 oz.	1 lb. 4 oz.	1 lb.	13 oz.	7 1/2 oz.
Per dozen,	\$11.50	8.75	8.00	7.50	6.75

ADZE-EYE BELL-FACE HAMMERS



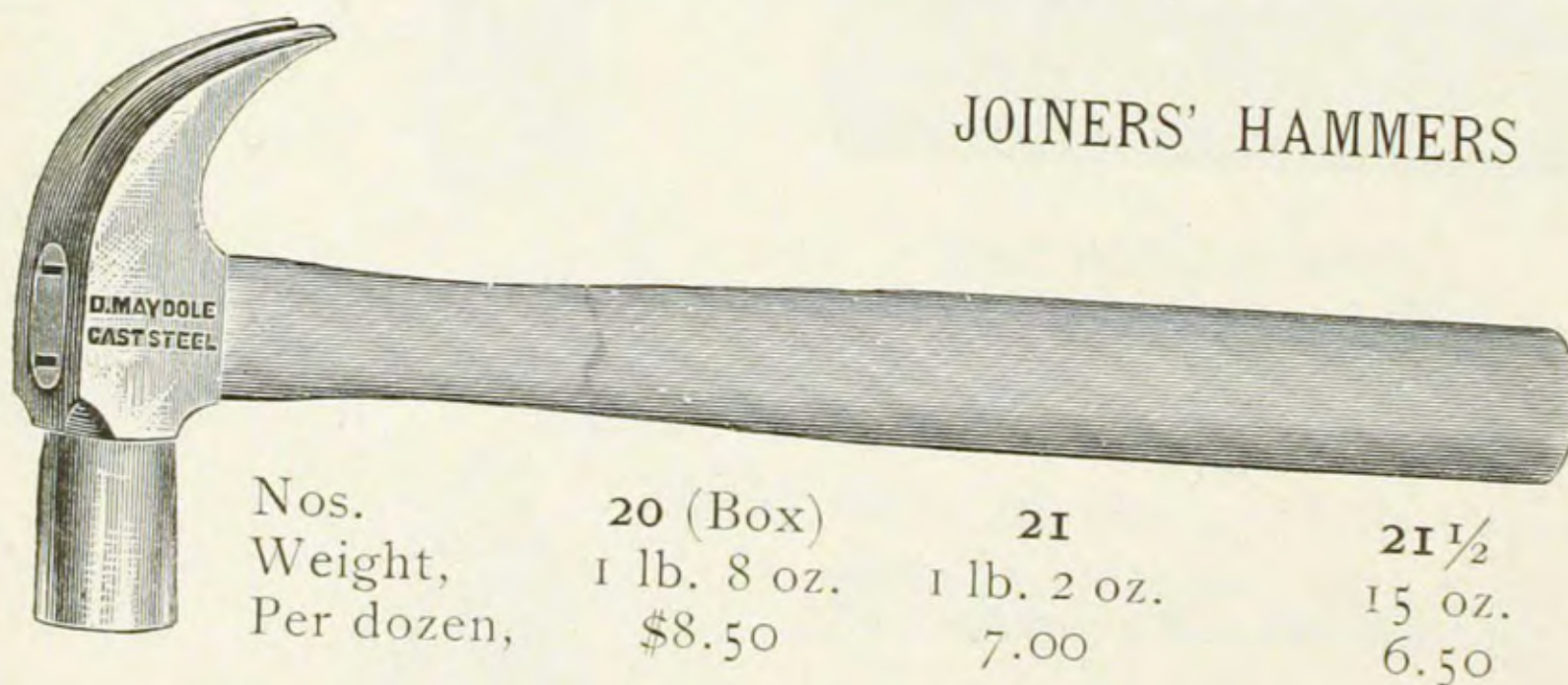
Nos.	10	11	11 1/2	12	13
Weight,	1 lb. 9 oz.	1 lb. 3 oz.	1 lb.	12 oz.	7 oz.
Per dozen,	\$11.50	8.75	8.00	7.50	6.75

ADZE-EYE OCTAGON HAMMERS



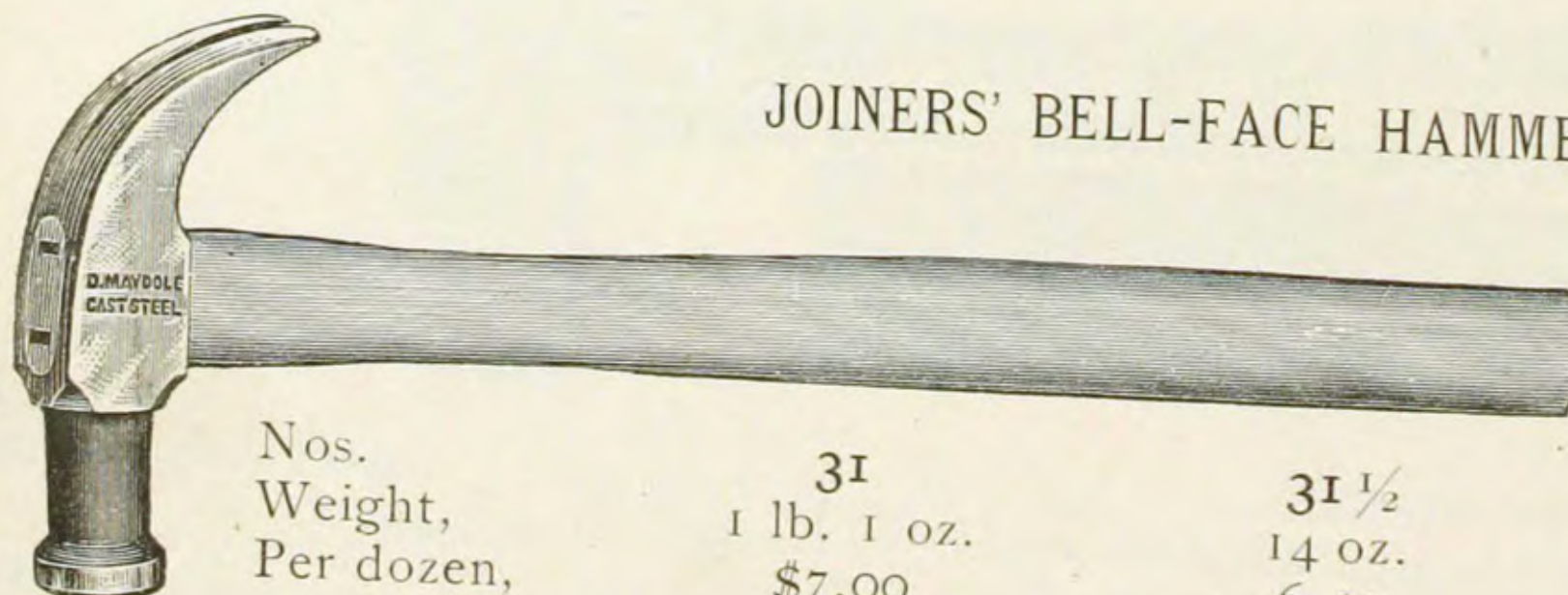
Nos.	200	201	201 1/2	202	203
Weight,	1 lb. 12 oz.	1 lb. 6 oz.	1 lb. 2 oz.	14 oz.	8 oz.
Per dozen,	\$12.00	9.25	8.50	8.00	7.25

JOINERS' HAMMERS



Nos.	20 (Box)	21	21 1/2	22	23 (Brad)
Weight,	1 lb. 8 oz.	1 lb. 2 oz.	15 oz.	12 oz.	7 oz.
Per dozen,	\$8.50	7.00	6.50	6.00	5.50

JOINERS' BELL-FACE HAMMERS



Nos.	31	31 1/2	32	33
Weight,	1 lb. 1 oz.	14 oz.	11 oz.	7 oz.
Per dozen,	\$7.00	6.50	6.00	5.50

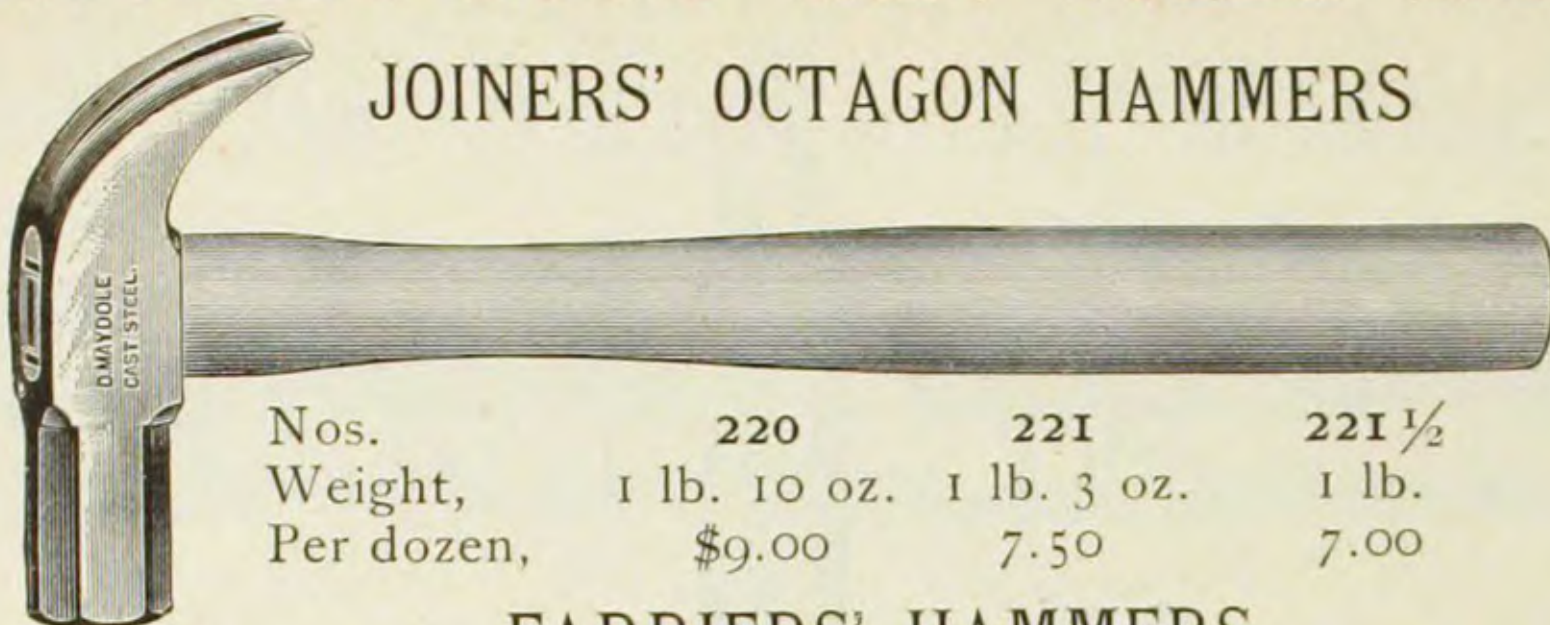
Above, half dozen in a box.

Above weights do not include Handle.



MAYDOLE'S SOLID CAST STEEL HAMMERS

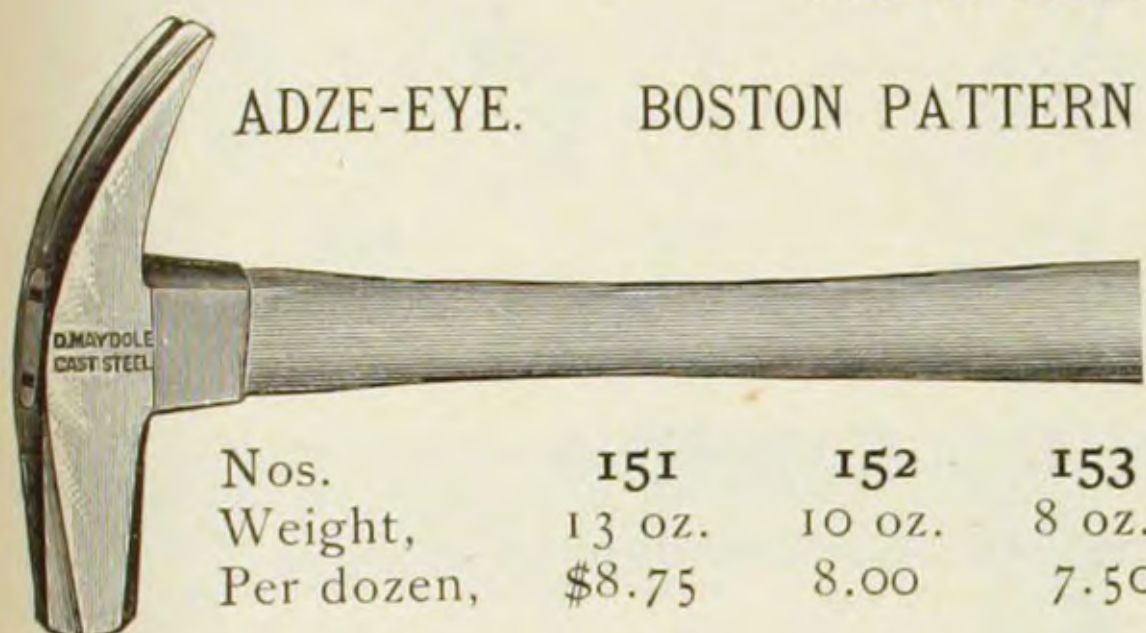
JOINERS' OCTAGON HAMMERS



Nos.	220	221	221 1/2	222	223
Weight,	1 lb. 10 oz.	1 lb. 3 oz.	1 lb.	13 oz.	8 oz.
Per dozen,	\$9.00	7.50	7.00	6.50	6.00

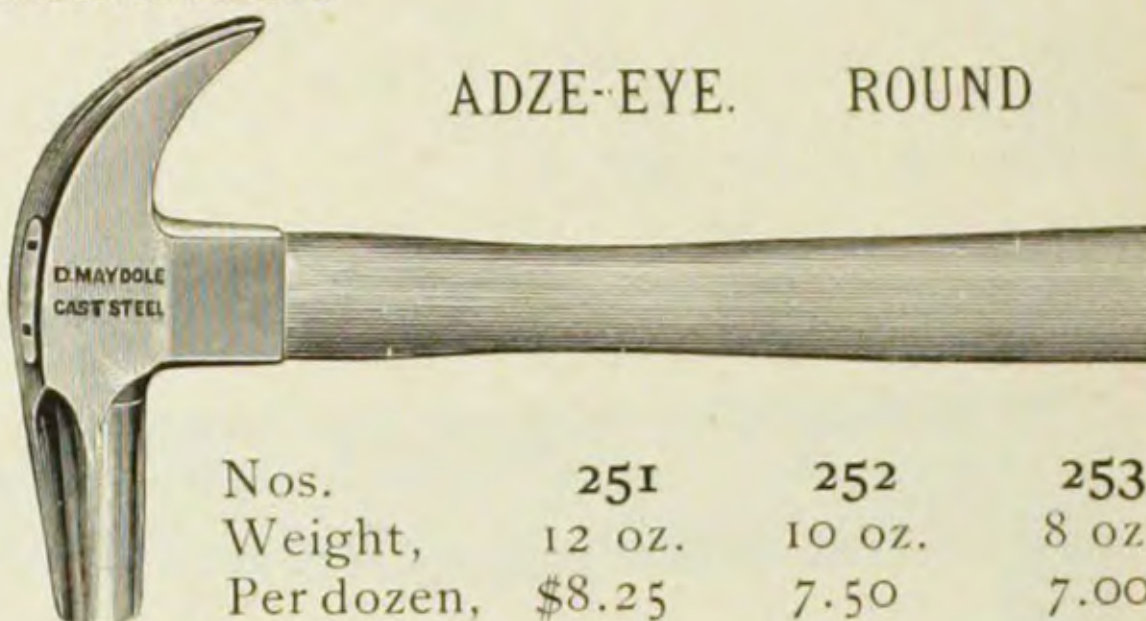
FARRIERS' HAMMERS

ADZE-EYE. BOSTON PATTERN



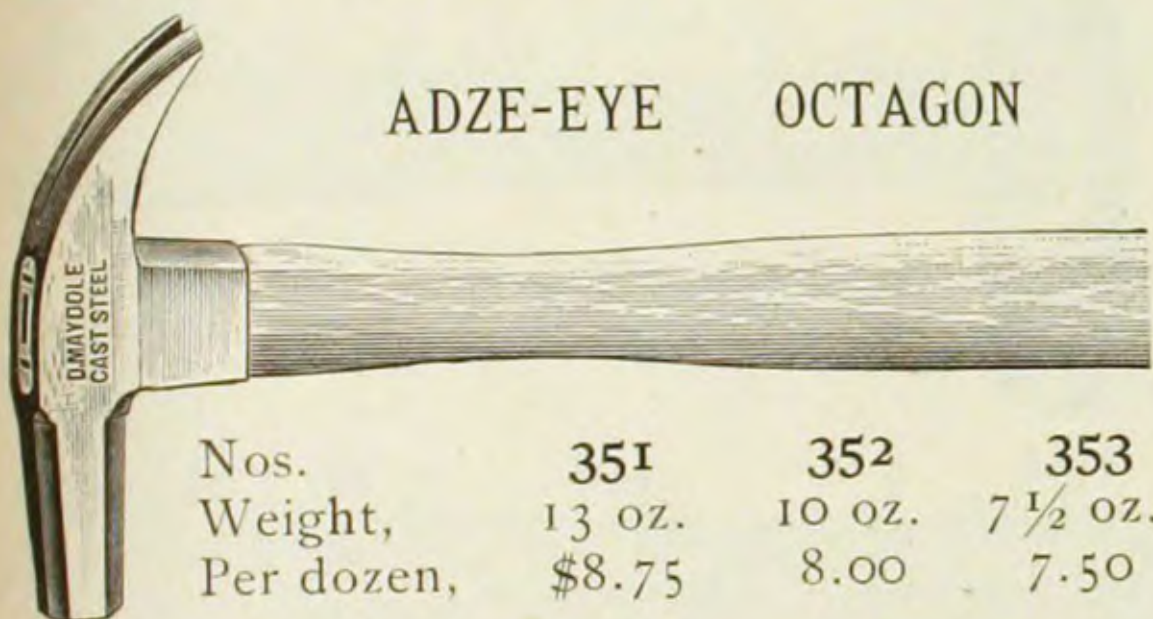
Nos.	151	152	153
Weight,	13 oz.	10 oz.	8 oz.
Per dozen,	\$8.75	8.00	7.50

ADZE-EYE. ROUND



Nos.	251	252	253
Weight,	12 oz.	10 oz.	8 oz.
Per dozen,	\$8.25	7.50	7.00

ADZE-EYE OCTAGON



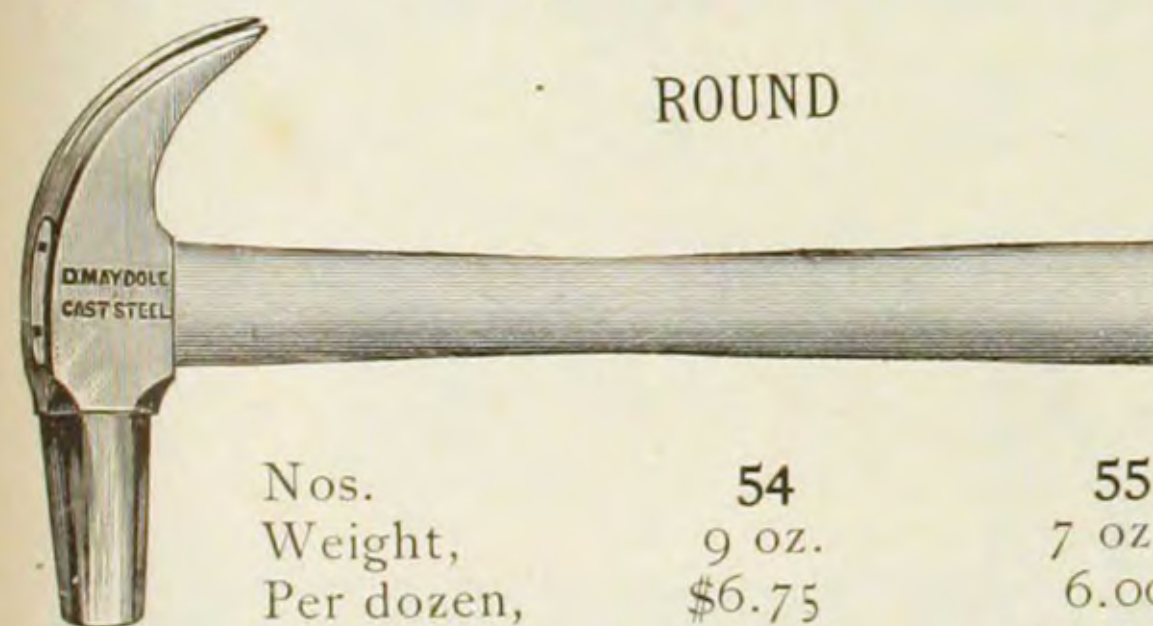
Nos.	351	352	353
Weight,	13 oz.	10 oz.	7 1/2 oz.
Per dozen,	\$8.75	8.00	7.50

CALIFORNIA PATTERN



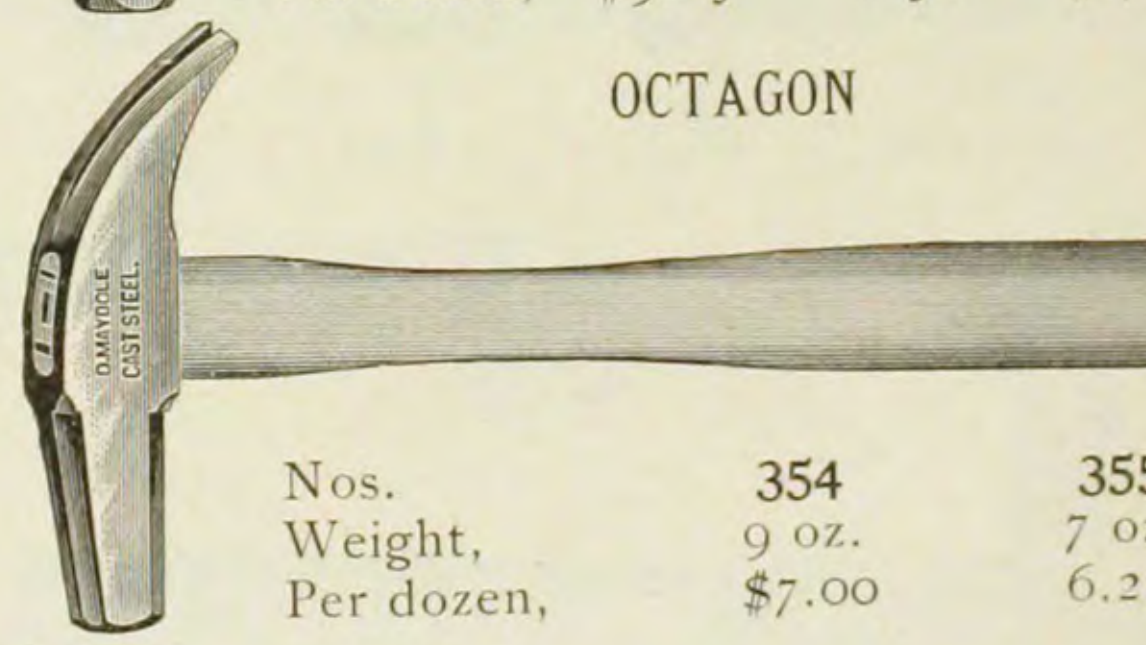
Nos.	450	451	452
Weight,	15 oz.	12 oz.	9 oz.
Per dozen,	\$9.25	8.50	7.75

ROUND



Nos.	54	55
Weight,	9 oz.	7 oz.
Per dozen,	\$6.75	6.00

OCTAGON



Nos.	354	355
Weight,	9 oz.	7 oz.
Per dozen,	\$7.00	6.25

Half dozen in a box.

HORSESHOERS' HAMMERS

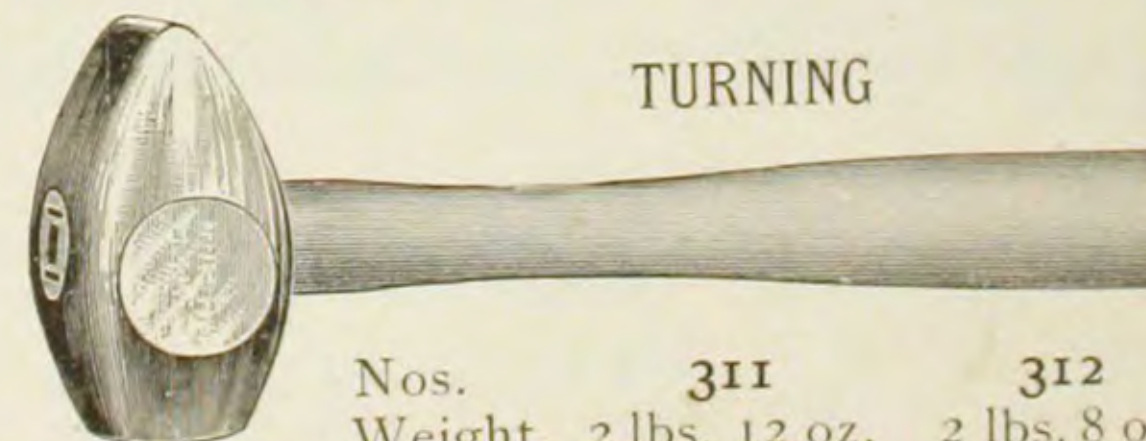
ROUNDING



Nos.	211	212	
Weight, 2 lbs. 12 oz.	2 lbs. 8 oz.		
Per doz., \$25.00	24.00		
Nos.	213	214	215
Weight, 2 lbs. 4 oz.	2 lbs.	1 lb. 12 oz.	
Per doz., \$23.00	22.00	21.00	

One-third dozen in a box.

TURNING



Nos.	311	312	
Weight,	2 lbs. 12 oz.	2 lbs. 8 oz.	
Per doz.,	\$25.00	24 00	
Nos.	313	314	315
Weight,	2 lbs. 4 oz.	2 lbs.	1 lb. 12 oz.
Per doz.,	\$23.00	22.00	21.00

Above weights do not include Handle.

MAYDOLE'S SOLID CAST STEEL HAMMERS

RIVETING HAMMERS



Nos. 40
Weight, 1 lb. 8 oz.
Per dozen, \$8.50

Nos. 42 43 44
Weight, 13 oz. 7 oz. 4 oz.
Per dozen, \$6.00 5.25 5.00



TINNERS' RIVETING HAMMERS

Nos. 291 292
Weight, 1 lb. 8 oz. 1 lb. 4 oz.
Per dozen, \$8.50 7.75

Nos. 293 294 295
Weight, 1 lb. 12 oz. 8 oz.
Per dozen, \$7.00 6.50 6.00

DOUBLE FACE RIVETING HAMMERS

ROUND



Nos. 240 241 242
Weight, 1 lb. 10 oz. 1 lb. 3 oz. 12 oz.
Per dozen, \$11.00 9.25 7.75

Nos. 243 244 245
Weight, 7 1/2 oz. 4 1/2 oz. 3 oz.
Per dozen, \$6.75 6.25 6.00

OCTAGON



Nos. 340 341 342
Weight, 1 lb. 10 oz. 1 lb. 3 oz. 12 oz.
Per dozen, \$11.00 9.25 7.75

Nos. 343 344 345
Weight, 7 1/2 oz. 4 1/2 oz. 3 oz.
Per dozen, \$6.75 6.25 6.00

TINNERS' SETTING HAMMERS

SQUARE



Nos. 301 302
Weight, 1 lb. 8 oz. 1 lb. 4 oz.
Per dozen, \$8.50 7.75

Nos. 303 304 305
Weight, 1 lb. 12 oz. 8 oz.
Per dozen, \$7.00 6.50 6.00

BEVELED



Nos. 331 332
Weight, 1 lb. 8 oz. 1 lb. 4 oz.
Per dozen, \$8.50 7.75

Nos. 333 334 335
Weight, 1 lb. 12 oz. 8 oz.
Per dozen, \$7.00 6.50 6.00

Above, half dozen in a box.

Above weights do not include Handle.



MAYDOLE'S SOLID CAST STEEL HAMMERS

CARRIAGE IRONERS' HAND HAMMERS



Nos.	III	II2	II3
Weight,	2 lbs. 12 oz.	2 lbs. 6 oz.	2 lbs.
Per dozen,	\$16.00	15.00	14.00

MACHINISTS' CHIPPING HAMMERS



Nos.	I00	I01	I02	I03
Weight,	1 lb. 12 oz.	1 lb. 6 oz.	1 lb. 2 oz.	12 oz.
Per dozen,	\$14.00	12.50	11.50	10.50

MACHINISTS' BALL PEIN HAMMERS

ROUND



Nos.	70	70 1/2	71	72	73	74
Weight,	3 lbs.	2 1/4 lbs.	1 7/8 lbs.	1 1/2 lbs.	1 1/4 lbs.	1 lb.
Per dozen,	\$20.00	17.00	15.00	13.50	12.25	11.25
Nos.	75	76	77	78	79	79 1/2
Weight,	13 oz.	10 oz.	7 oz.	5 oz.	3 oz.	2 oz.
Per dozen,	\$10.50	10.00	9.50	9.25	9.00	9.00

OCTAGON



Nos.	I20	I21	I22	I23	I24	I25
Weight,	3 lbs.	2 1/4 lbs.	1 7/8 lbs.	1 1/2 lbs.	1 1/4 lbs.	1 lb.
Per dozen,	\$20.00	17.00	15.00	13.50	12.25	11.25
Nos.	I26	I27	I28	I28 1/2	I29	I29 1/2
Weight,	13 oz.	10 oz.	7 oz.	5 oz.	3 oz.	2 oz.
Per dozen,	\$10.50	10.00	9.50	9.25	9.00	9.00

One-third dozen in a box.

Above weights do not include Handle.



MAYDOLE'S SOLID CAST STEEL HAMMERS

BLACKSMITHS' HAND HAMMERS

SHOULDER PEIN



Nos.
Weight,
Per dozen,

65
2 lbs. 14 oz.
\$16.00

66
2 lbs. 8 oz.
15.00

67
2 lbs.
14.00

WEDGE PEIN



Nos.
Weight,
Per dozen,

60
4 lbs.
\$18.00

60 1/2
3 lbs. 8 oz.
16.50

61
3 lbs.
15.00

62
2 lbs. 10 oz.
14.00

ENGINEERS' HAMMERS

RIVETING PEIN



Nos.
Weight,
Per dozen,

91
2 lbs. 4 oz.
\$13.00

92
1 lb. 12 oz.
12.00

BALL PEIN



Nos.
Weight,
Per dozen,

81
2 lbs.
\$15.00

82
1 lb. 9 oz.
13.00

83
1 lb. 2 oz.
11.50

One-third dozen in a box.
Above weights do not include Handle.



MAYDOLE'S SOLID CAST STEEL HAMMERS

MACHINISTS' CROSS PEIN HAMMERS

ROUND



Nos.	170	170 1/2	171	172	173	174
Weight,	3 lbs.	2 1/4 lbs.	1 7/8 lbs.	1 1/2 lbs.	1 1/4 lbs.	1 lb.
Per dozen,	\$20.00	17.00	15.00	13.50	12.25	11.25
Nos.	175	176	177	178	179	179 1/2
Weight,	13 oz.	10 oz.	7 oz.	5 oz.	3 oz.	2 oz.
Per dozen,	\$10.50	10.00	9.50	9.25	9.00	9.00



OCTAGON

Nos.	320	321	322	323	324	325
Weight,	3 lbs.	2 1/4 lbs.	1 7/8 lbs.	1 1/2 lbs.	1 1/4 lbs.	1 lb.
Per dozen,	\$20.00	17.00	15.00	13.50	12.25	11.25
Nos.	326	327	328	328 1/2	329	329 1/2
Weight,	13 oz.	10 oz.	7 oz.	5 oz.	3 oz.	2 oz.
Per dozen,	\$10.50	10.00	9.50	9.25	9.00	9.00



COOPERS' HAMMERS

Nos.	130	131	132	133
Weight,	4 lbs.	3 lbs. 8 oz.	3 lbs.	2 lbs. 10 oz.
Per dozen,	\$18.00	16.50	15.00	14.00

Above, one-third dozen in a box.

MASONS' STONE HAMMERS



Nos.	180	181	182	183	184	185	186	187	188
Weight,	4 lbs.	3 5/8 lbs.	3 3/8 lbs.	3 lbs.	2 3/4 lbs.	2 1/2 lbs.	2 1/4 lbs.	2 lbs.	1 3/4 lbs.
Per doz.	\$18.00	17.00	16.00	15.00	14.25	13.50	13.00	12.50	12.00

Packed as wanted.

Above weights do not include Handle.



MAYDOLE'S SOLID CAST STEEL HAMMERS

BOILER RIVETING HAMMERS

SQUARE



Nos.
Weight,
Per dozen,

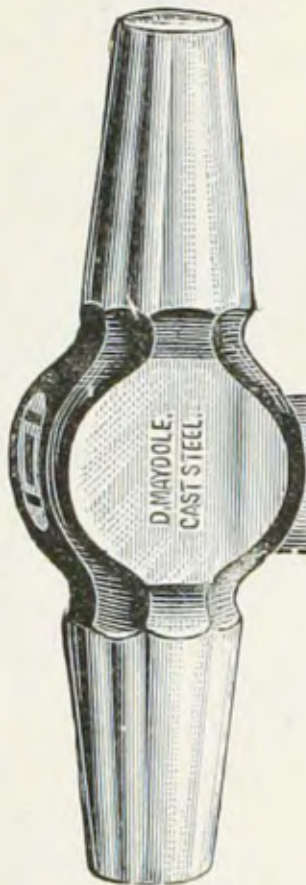
141
3 lbs.
\$24.50

142
2 lbs. 10 oz.
23.00

143
2 lbs. 6 oz.
21.50

144
2 lbs.
20.00

OCTAGON



Nos.
Weight,
Per dozen,

441
3 lbs.
\$24.50

442
2 lbs. 10 oz.
23.00

443
2 lbs. 6 oz.
21.50

444
2 lbs.
20.00

Above, packed as wanted.

BRICKLAYERS' HAMMERS
ADZE-EYE

Nos.
Weight,
Per dozen,

161
2 lbs. 4 oz.
\$15.00

162
1 lb. 14 oz.
14.00

Nos.
Weight,
Per dozen,

163
1 lb. 6 oz.
\$13.00

164
1 lb.
12.00

One-third dozen in a box.

STONECUTTERS' MASH
HAMMERS

Nos.
Weight,
Per dozen,

190
4 lbs.
\$18.00

191
3 lbs. 10 oz.
17.00

192
3 lbs. 6 oz.
16.00

Nos.
Weight,
Per dozen,

193
3 lbs.
\$15.00

194
2 lbs. 12 oz.
14.25

195
2 lbs. 8 oz.
13.50

Nos.
Weight,
Per dozen,

196
2 lbs. 4 oz.
\$13.00

197
2 lbs.
12.50

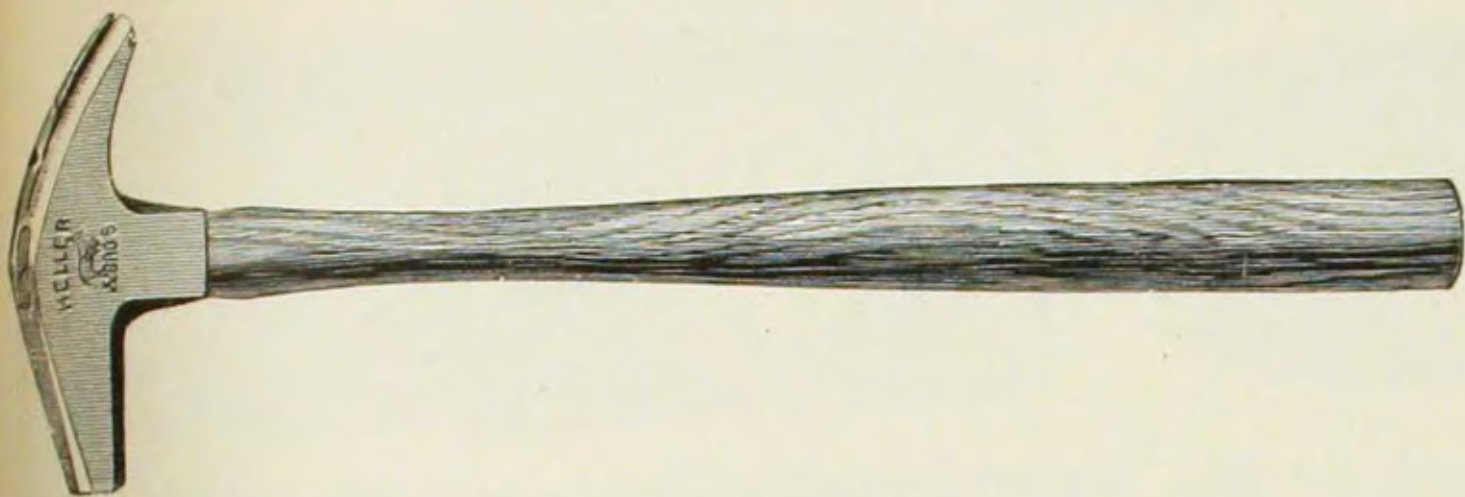
198
1 lb. 12 oz.
12.00

Packed as wanted.



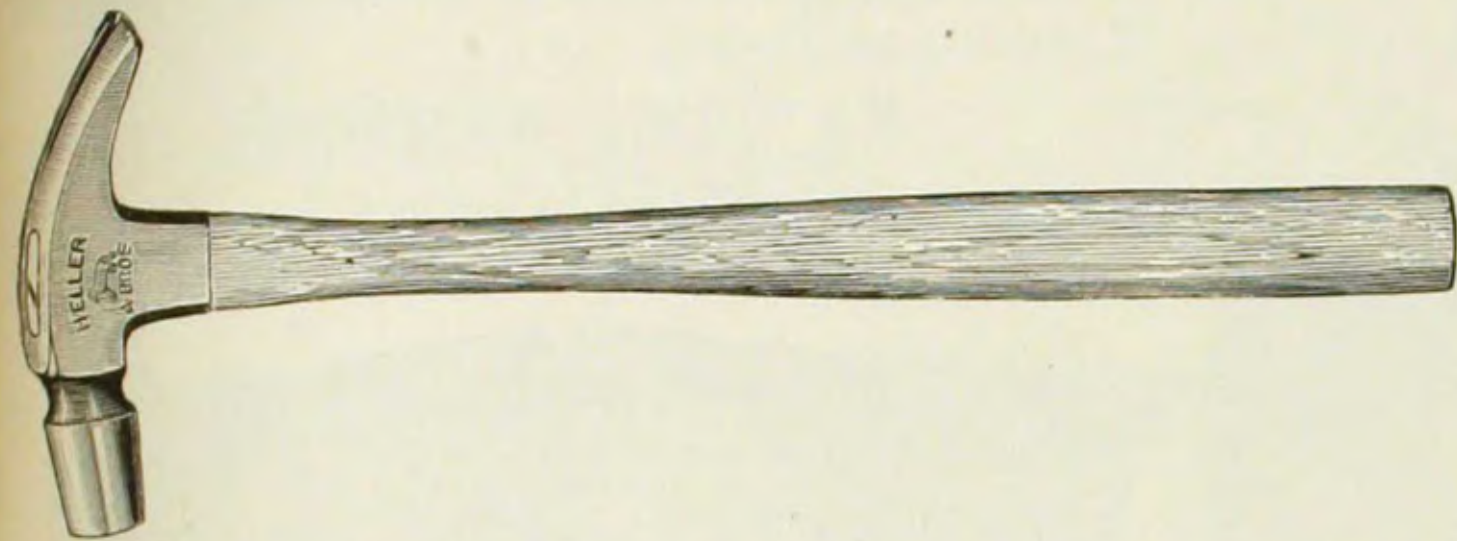
HELLER BROTHERS' BLACKSMITHS' HAMMERS

745



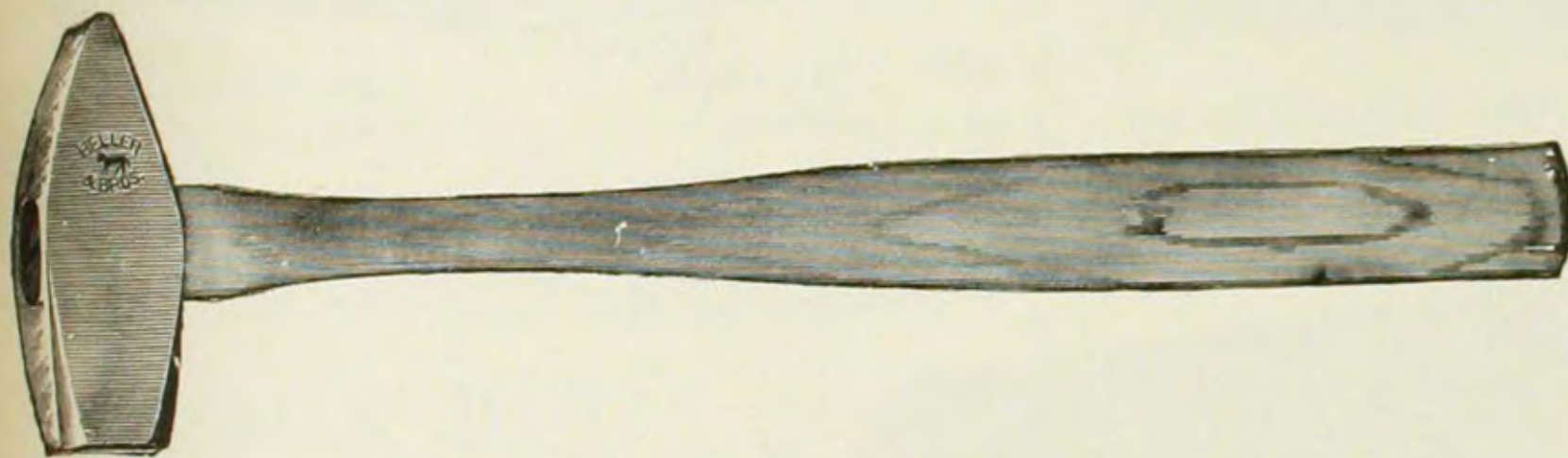
FARRIERS' DRIVING HAMMERS

Weight.	Per dozen.
11 to 20 ounces,	\$10.00



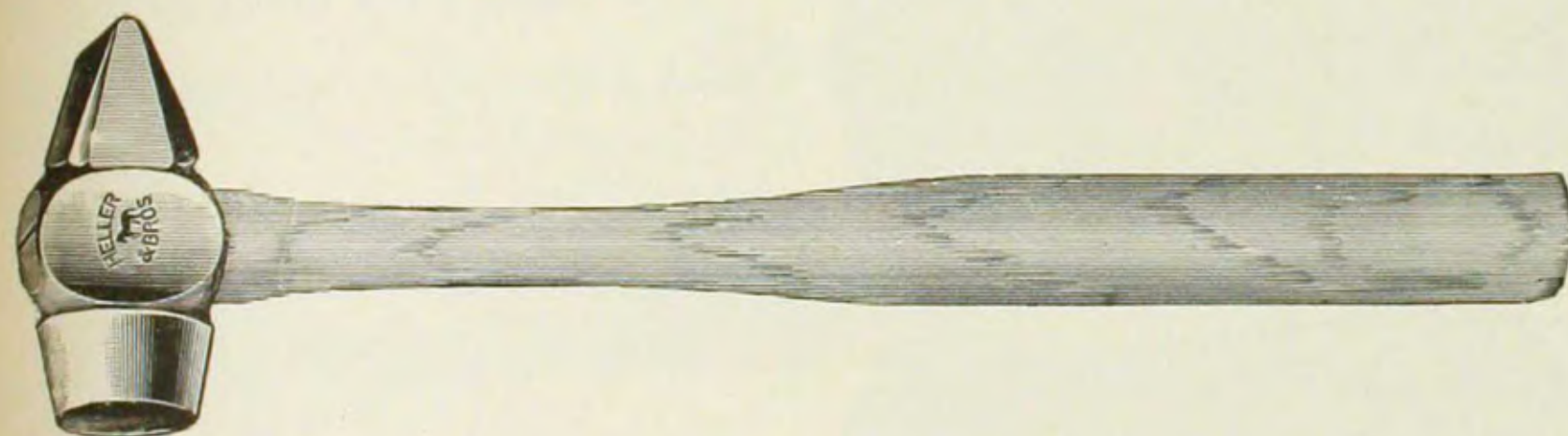
HELLER'S PATTERN FARRIERS' DRIVING HAMMERS

Weight.	Per dozen.
13 to 20 ounces,	\$12.50
Half dozen in a box.	



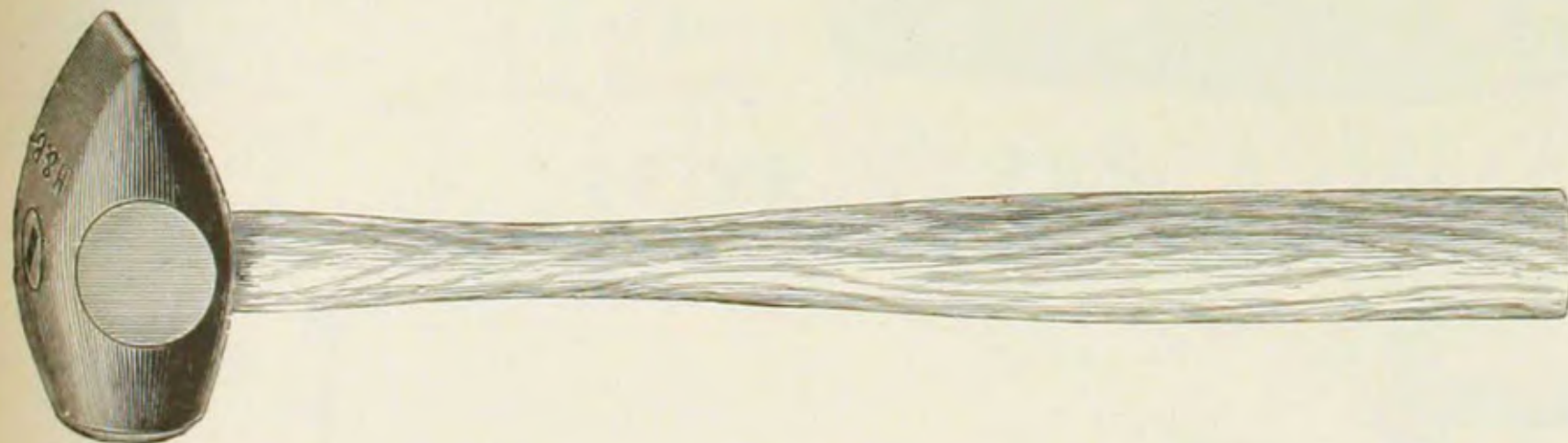
HAND HAMMERS

Weight.	Per dozen.
2 to 3 pounds,	\$13.00



FITTING HAMMERS

Weight.	Per dozen.
2 to 3 pounds,	\$20.00



TURNING OR CAT-HEAD HAMMERS

Weight.	Per dozen.
2 to 3 pounds,	\$24.00



ROUNDING HAMMERS

Weight.	Per dozen.
2 to 3 pounds,	\$24.00
Above, quarter dozen in a box.	

Above weights include handle. In ordering, state weights wanted.



DRILLING HAMMERS

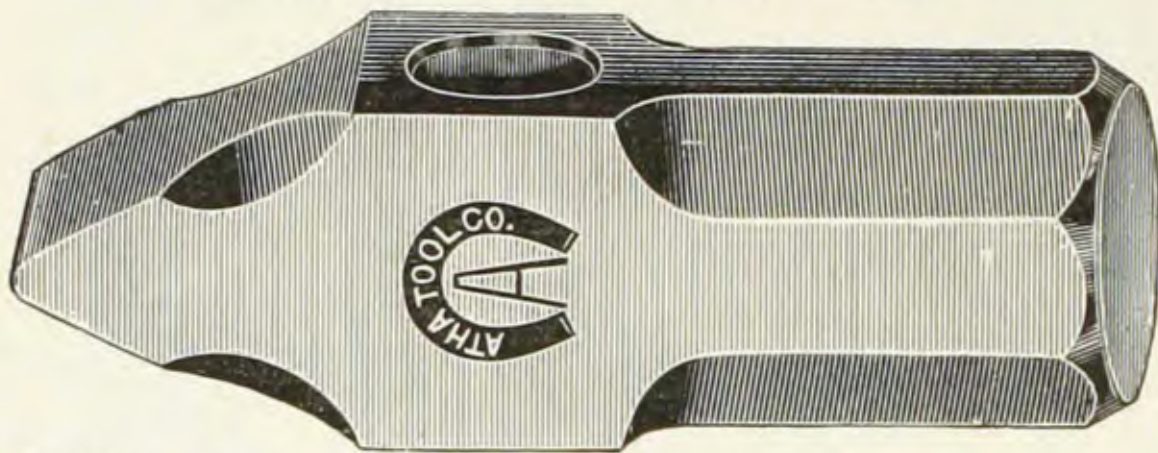
SOLID CAST STEEL



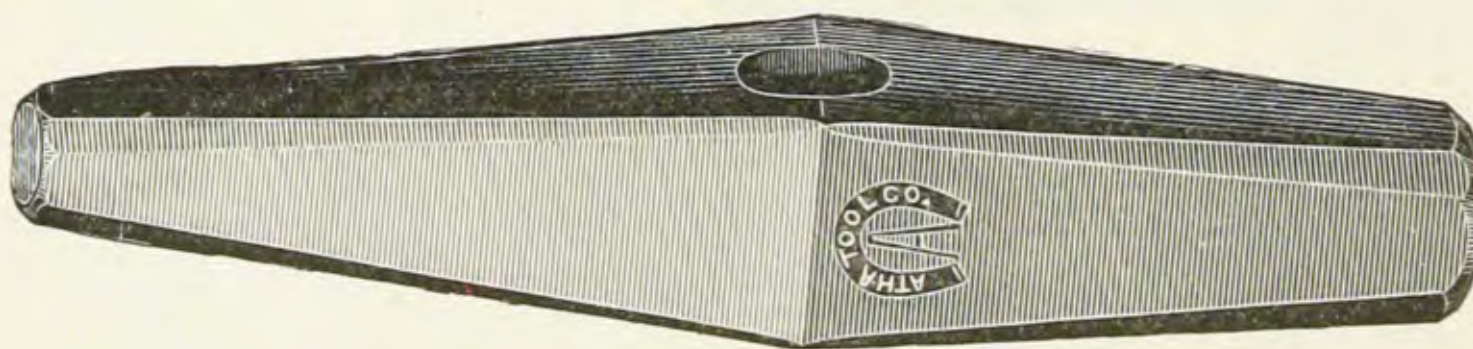
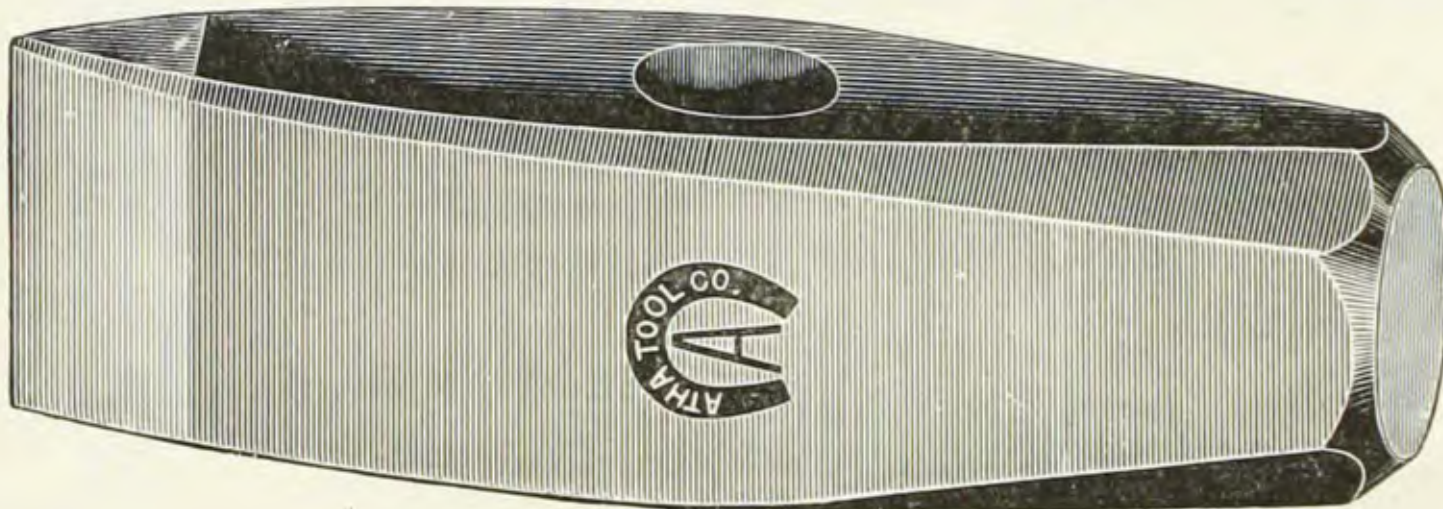
Under 3 pounds,	per pound, \$0.50
3 to 5 pounds,	" " .45
5 pounds and over,	" " .40

BLACKSMITHS' SLEDGES

SOLID CAST STEEL CROSS PEIN

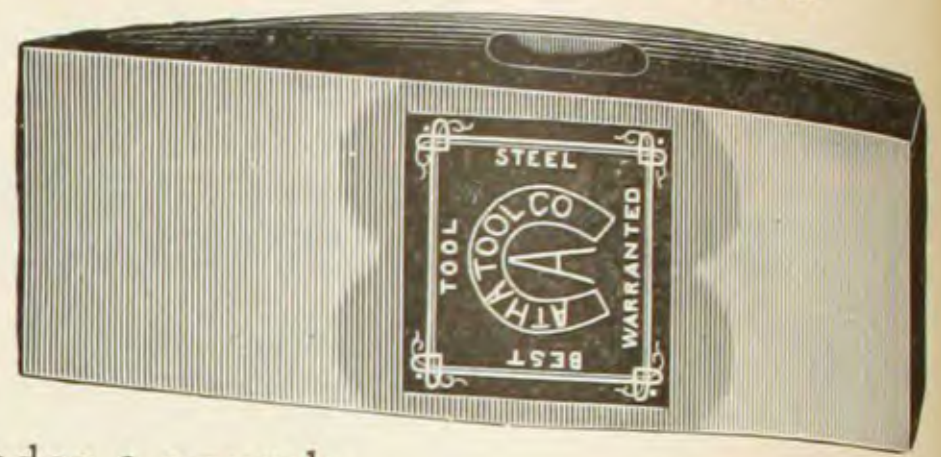


Under 3 pounds,	per pound, \$0.45
3 to 5 pounds,	" " .36
5 pounds and over,	" " .30



MASONS' HAMMERS

SOLID CAST STEEL, AXE FINISH



Under 3 pounds,	per pound, \$0.45
3 to 5 pounds,	" " .36
5 pounds and over,	" " .30

NAPPING HAMMERS

SOLID CAST STEEL



Under 3 pounds,	per pound, \$0.45
3 to 5 pounds,	" " .36
5 pounds and over,	" " .30

STONE SLEDGES

SOLID CAST STEEL

Under 3 pounds,	per pound, \$0.45
3 to 5 pounds,	" " .36
5 pounds and over,	" " .30

RAILROAD MAULS

SOLID CAST STEEL

Under 3 pounds,	per pound, \$0.45
3 to 5 pounds,	" " .36
5 pounds and over,	" " .30

WARNER & NOBLE'S HAMMERS

MASONS' OR STONECUTTERS' DRILLING



No.	Per dozen.
00 Solid Cast Steel, 5 in., 3 lbs.,	\$17.50
0 " " " 5 1/2 " 3 " 8 oz.,	19.25
1 " " " 6 " 4 " " "	21.00
2 " " " 6 1/2 " 4 " 8 " "	22.75
3 " " " 7 " 5 " " "	24.50
Unpolished, \$1.00 less per dozen.	

Weights do not include handle.

BRICK

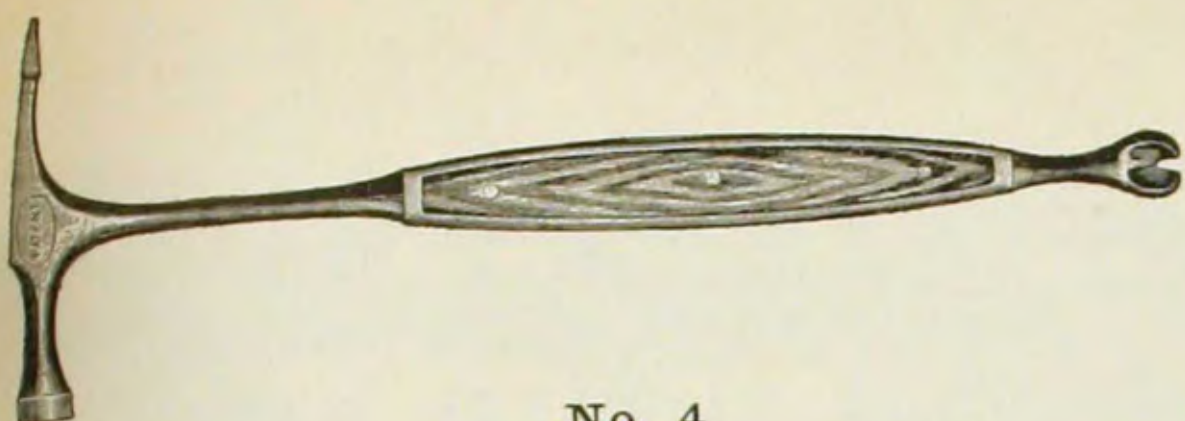


No.	Per dozen.
1 Solid Cast Steel, 7 in., 1 lb., 8 oz.,	\$8.50
2 " " " 8 1/2 " 1 " 13 " "	10.00
3 " " " 8 1/2 " 2 " 4 " "	12.00

Quarter dozen in a package.



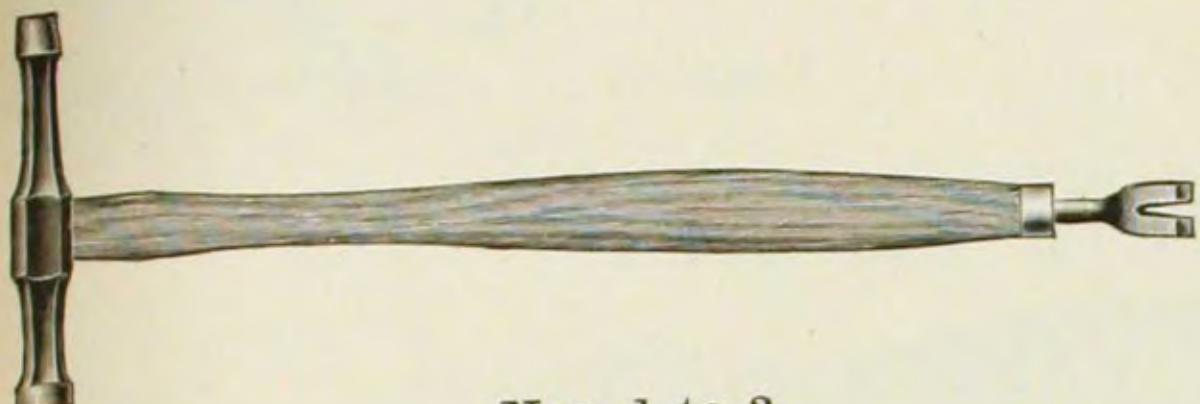
TACK HAMMERS PATENT IMPROVED



No. 4

No. 4 Malleable Iron, Nickel-plated,
inlaid with Black Walnut,
Hardened Face, per dozen, \$2.50

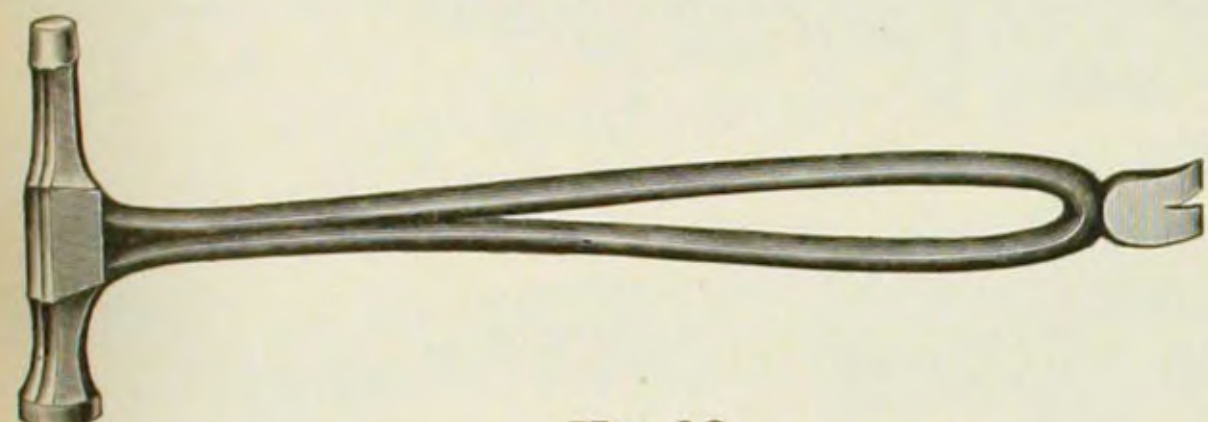
MAGNETIC



Nos. 1 to 3

No. 1 Small, Claw on Head, Nickel-plated, per dozen, \$1.25
No. 2 Medium, Claw in Handle, Nickel-plated, per dozen, 1.50
No. 3 Large, Claw in Handle, Nickel-plated, per dozen, 1.75

ALL IRON



No. 12

No. 12 Hammer and Claw combined,
Nickel-plated, per dozen, \$1.25

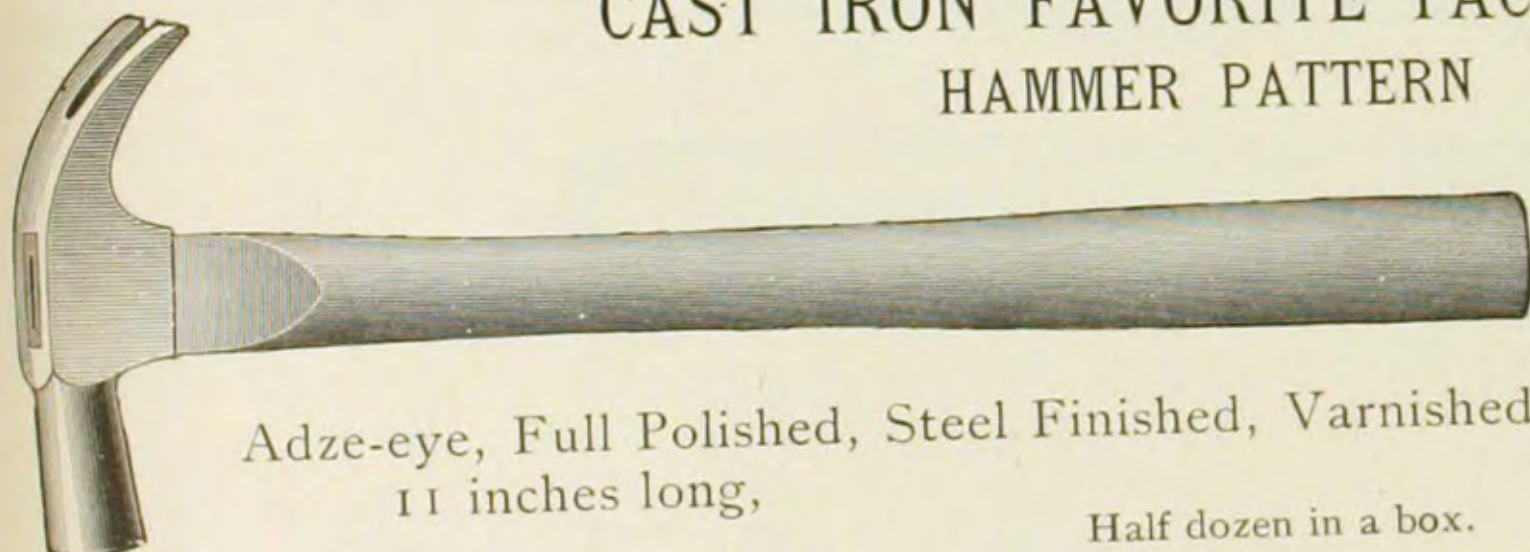
FULL POLISHED



Nos. 10 to 30

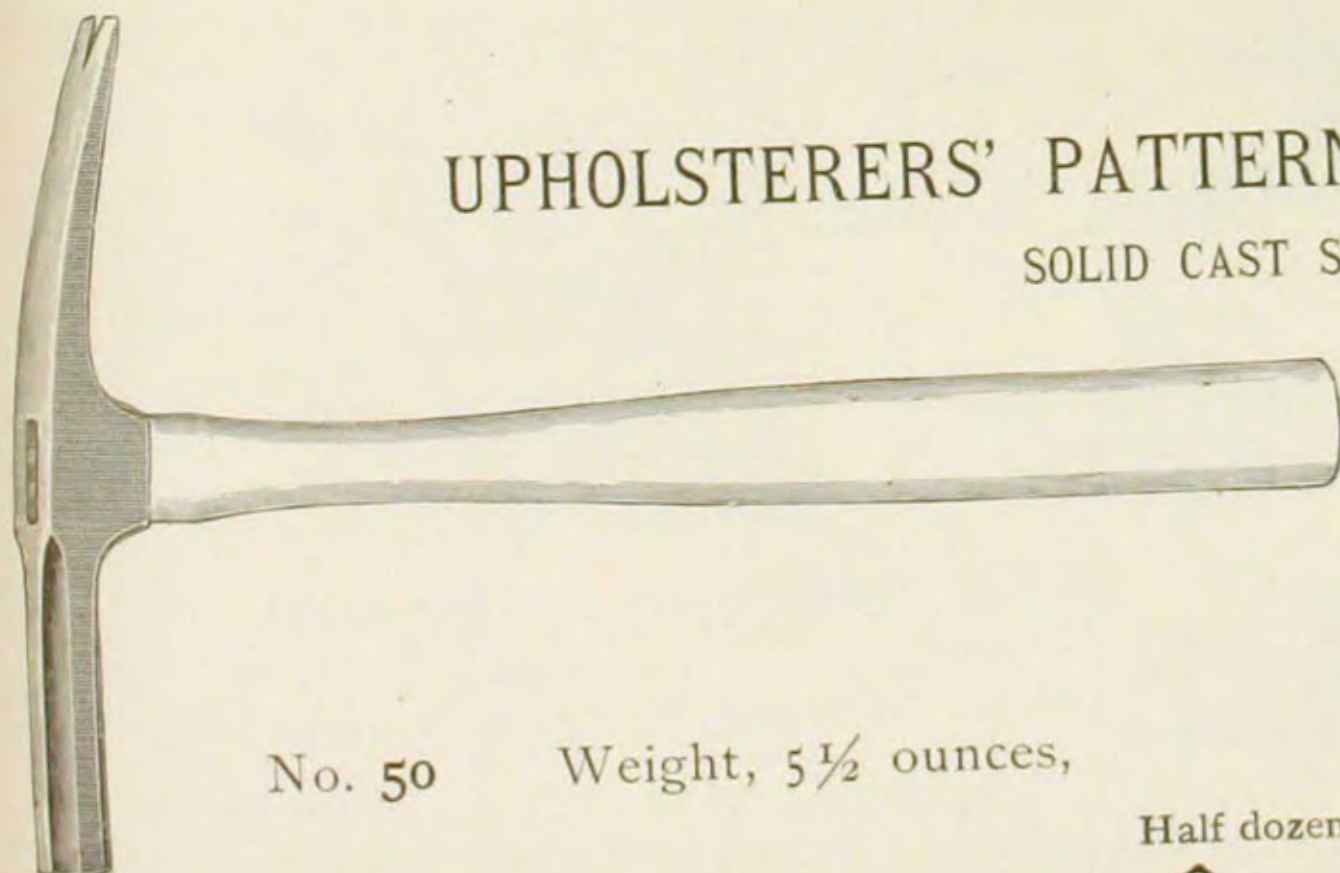
No. 10 Iron, with Claw, Stained Handle, per dozen, \$0.75
No. 25 Iron, with Claw, Hickory Handle, per dozen, 1.00
No. 15 Iron, with Steel Claw, Hickory Handle, per dozen, 1.17
No. 30 Cast Steel, Steel Claw, Hickory Handle, per dozen, 2.67
Above, one dozen in a box.

CAST IRON FAVORITE TACK HAMMERS HAMMER PATTERN



Adze-eye, Full Polished, Steel Finished, Varnished Hickory Handles,
11 inches long, per dozen, \$1.00
Half dozen in a box.

UPHOLSTERERS' PATTERN TACK HAMMERS SOLID CAST STEEL

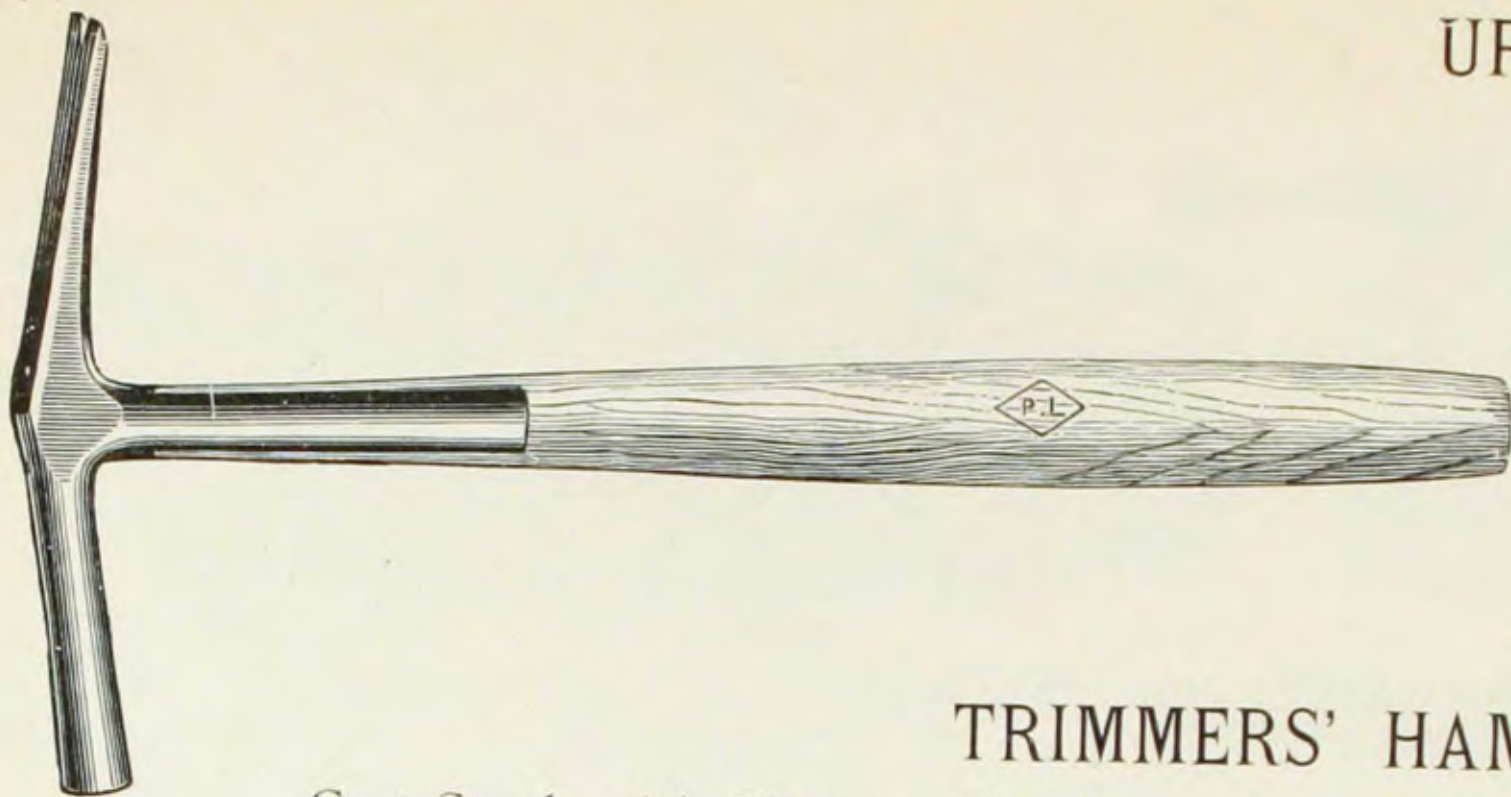


No. 50 Weight, 5 1/2 ounces,

per dozen, \$3.50

Half dozen in a box.





UPHOLSTERERS' HAMMERS
CAST STEEL
Light, per dozen, \$7.25
Heavy, " " 7.60
French, Heavy, Round
Handle, per dozen, 10.00

SADDLERS' HAMMERS
CAST STEEL
Regular, per dozen, \$6.60
Claw on side, " " 9.50

TRIMMERS' HAMMERS

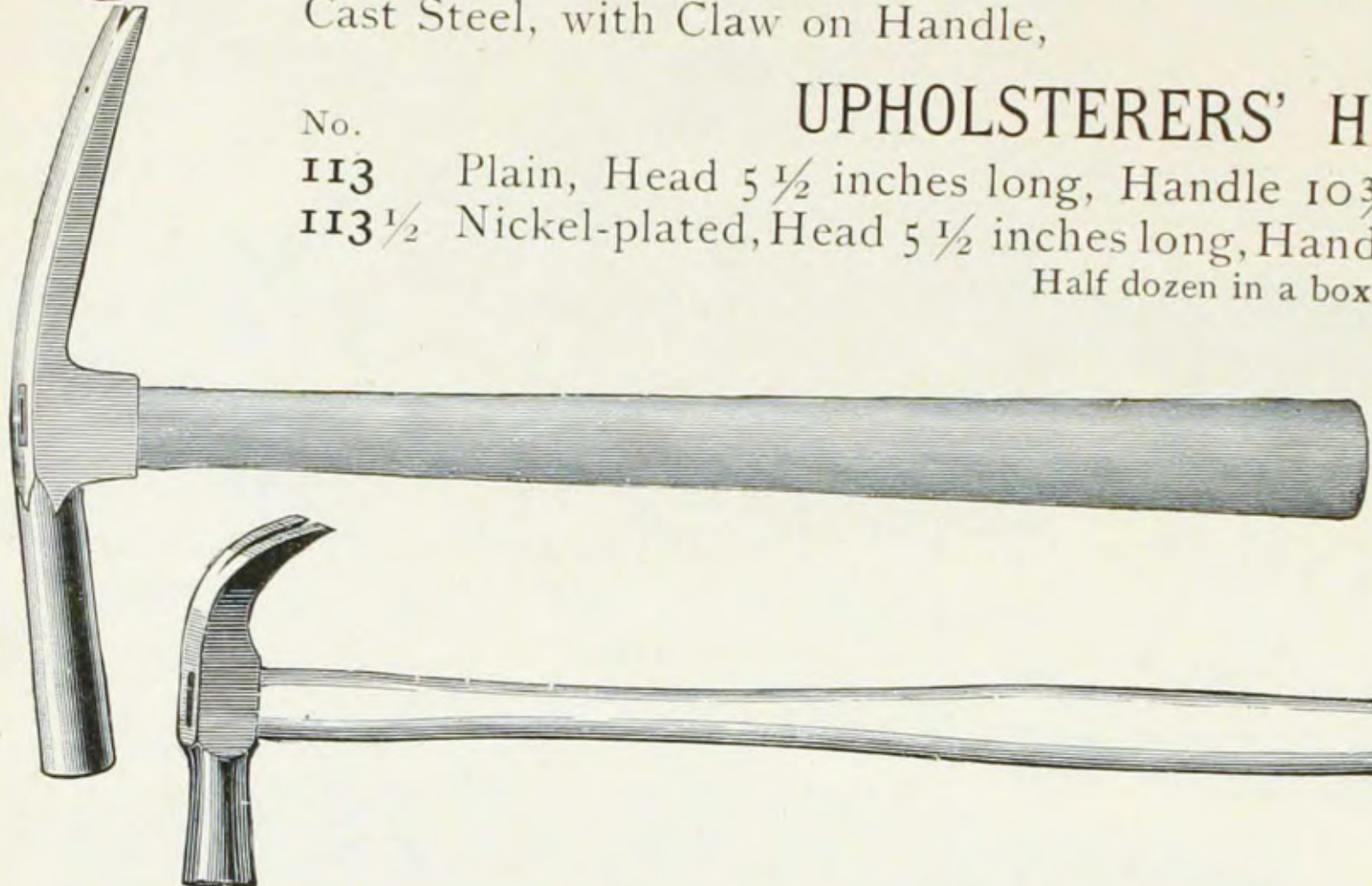
Cast Steel, with Claw on Handle,

per dozen, \$11.00

UPHOLSTERERS' HAMMERS

No.

113 Plain, Head 5 1/2 inches long, Handle 10 3/4 inches long, per doz., \$1.50
113 1/2 Nickel-plated, Head 5 1/2 inches long, Handle 10 3/4 inches long, " " 2.00
Half dozen in a box.



CIGAR BOX HAMMERS

No.

Per dozen.

25

\$3.00

One dozen in a box.

G. B. GERMOND'S SHOE HAMMERS

STEEL FACE



Nos.	00	0	1	2	3	4
Diameter of Face, in.	1 1/4	1 3/8	1 7/8	1 1/2	1 5/8	1 11/16
Weight,	11 oz.	13 oz.	15 oz.	1 lb.	1 lb. 2 oz.	1 lb. 3 oz.
Per dozen,	\$3.75	4.00	4.25	4.50	4.75	5.00
		Half dozen in a package.				

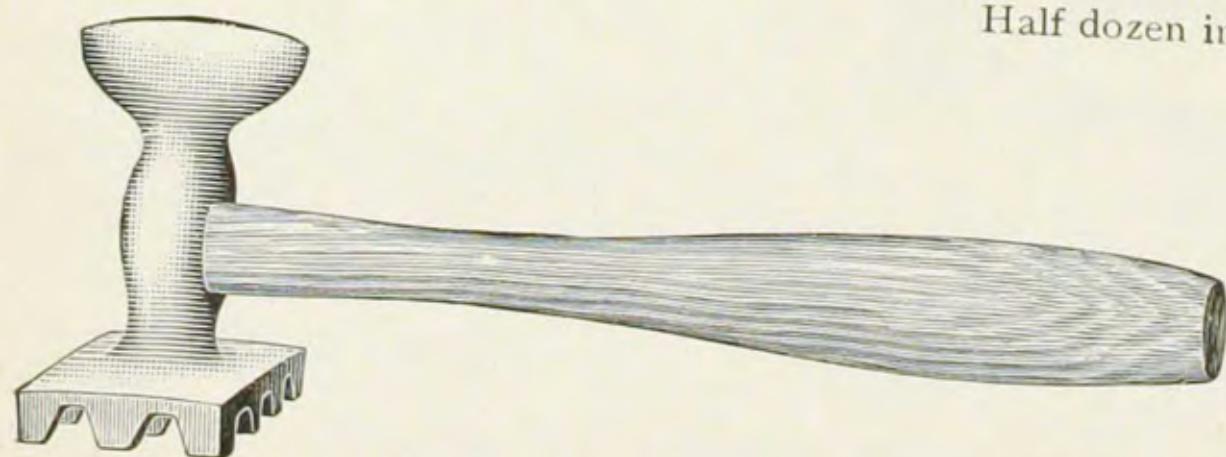
CAST IRON SHOE HAMMERS

No. 1 Japanned, Polished Face,
No. 2 Large, Half "

per dozen, \$1.00

" " 1.20

Half dozen in a package.



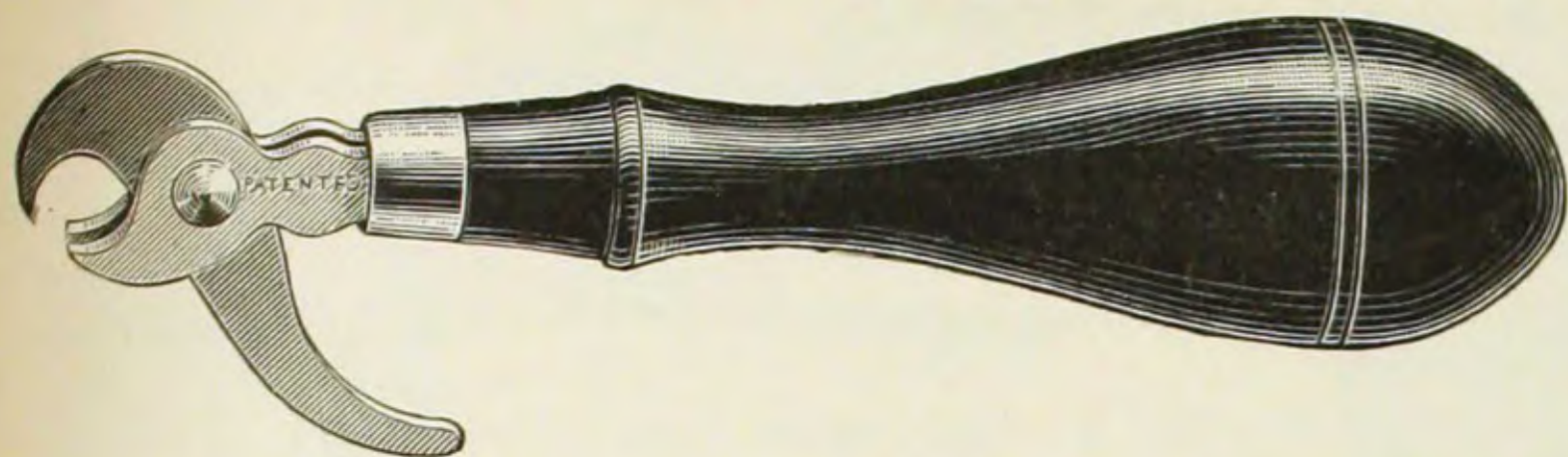
STEAK HAMMERS

No. 7 Iron Japanned, Polished
Handle, per dozen, \$2.25
No. 8. Tinned, Polished Handle,
per dozen, 3.00

Half dozen in a box.



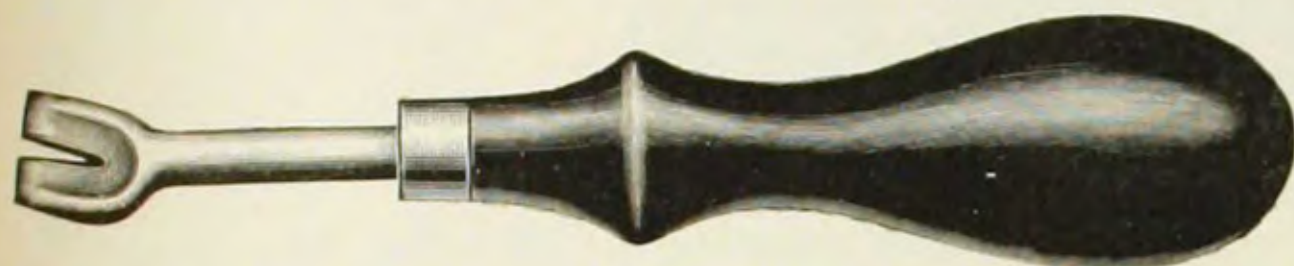
TACK PULLERS



LITTLE JACK-THE-GIANT

Black Handle, per dozen, \$3.00

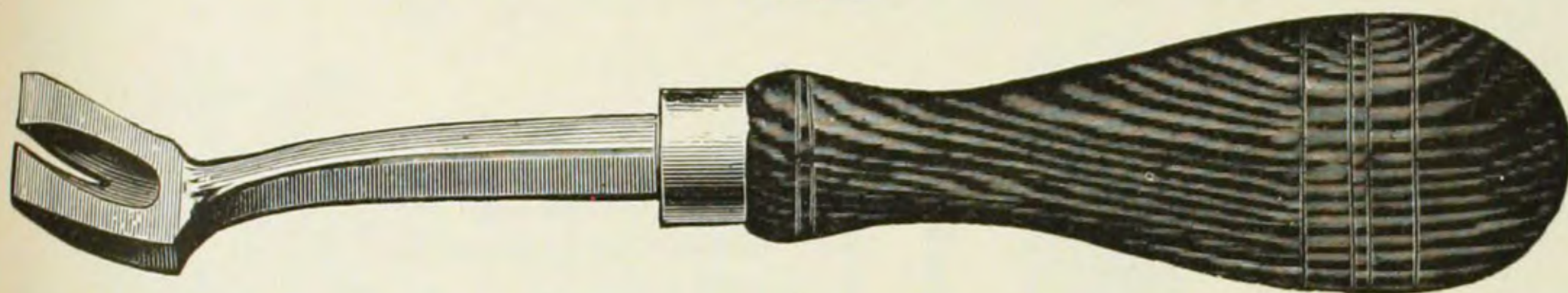
TACK CLAWS



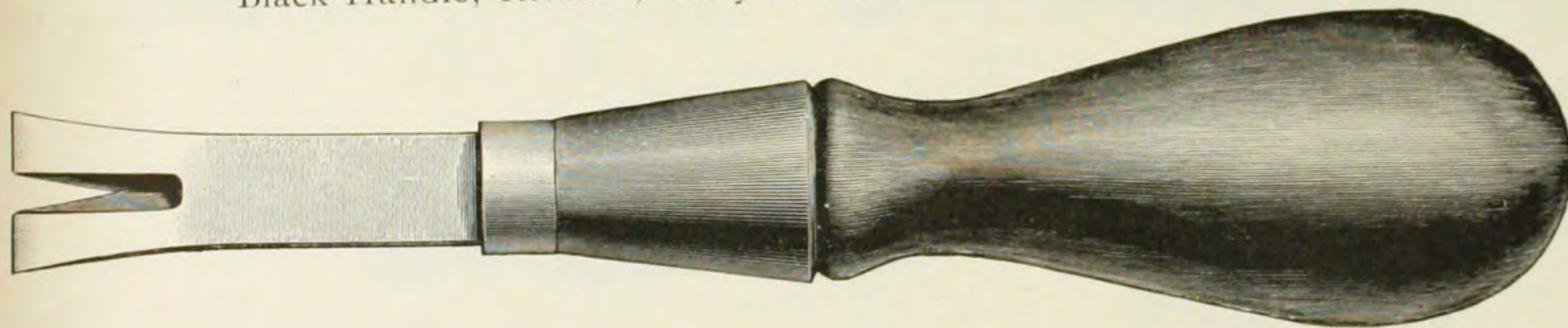
No. 1 Cast Steel, Black Handle,
per dozen, \$2.85

No. 2 Steel, " " 2.00

No. 3 " Short
Shank, " " 1.65

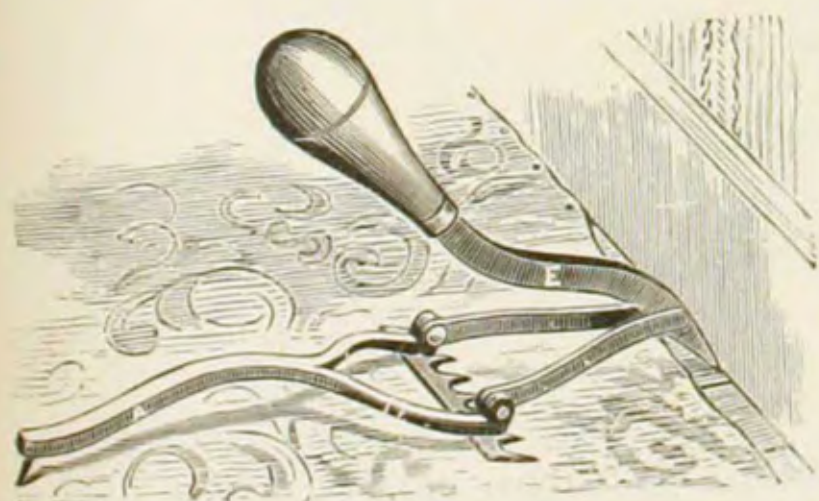


No. 50 Hand Cast Steel Forged Square Shank, Nickel-plated Ferrules,
Black Handle, Riveted, finely finished, per dozen, \$3.00



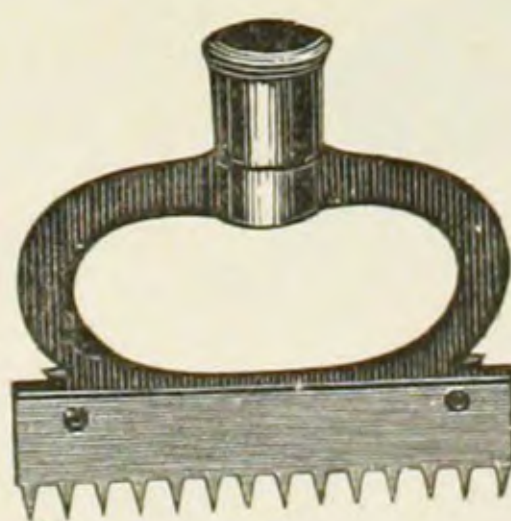
No. 100 Blades Forged from best Cast Steel, with Nickel-plated Ferrules, per dozen, \$2.00
All above, one dozen in a box.

CARPET STRETCHERS



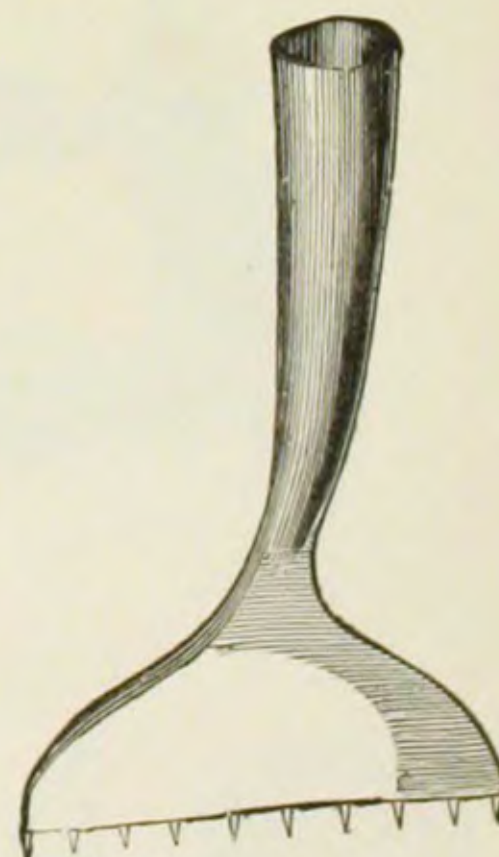
BULLARD'S

The best thing ever made for
laying a carpet, per dozen, \$6.00



MALLEABLE

Malleable, Steel Points,
Newark Pattern, Polished,
Carpet Stretcher Handles,
Half dozen in a box.



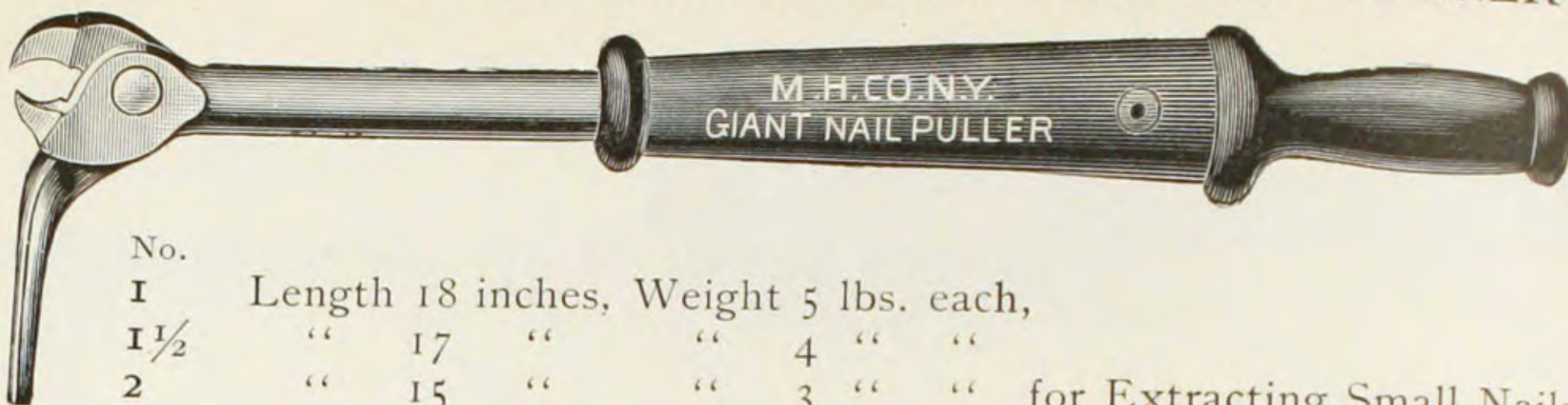
NEWARK

per dozen, \$2.00

" " 5.00

" " 2.00

GIANT NAIL PULLER AND BOX OPENER



No.

I

Length 18 inches, Weight 5 lbs. each,

I 1/2

"

17

"

4

"

2

"

15

"

3

"

for Extracting Small Nails Only,

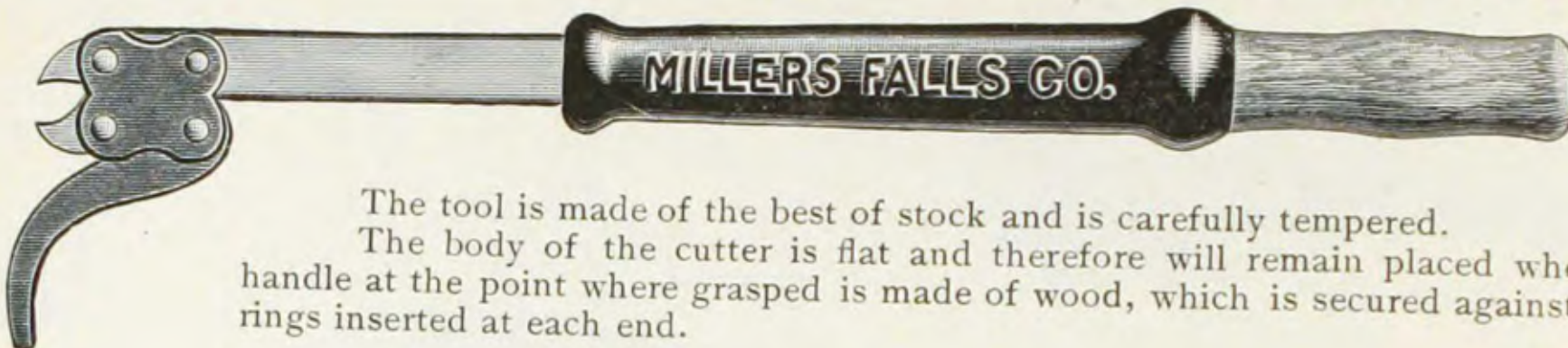
Per dozen.

\$18.00

16.50

15.00

MILLER'S FALLS NAIL PULLERS



The tool is made of the best of stock and is carefully tempered.
The body of the cutter is flat and therefore will remain placed when laid down. The handle at the point where grasped is made of wood, which is secured against splitting by having rings inserted at each end.

No. 3

per dozen, \$12.00

SCRANTON NAIL PULLERS

CAN'T HURT THE HAND.

EVERY PULLER WARRANTED



No.

2

Large, Height 18 inches, Weight 5 pounds, Japanned and Polished,

Per dozen.

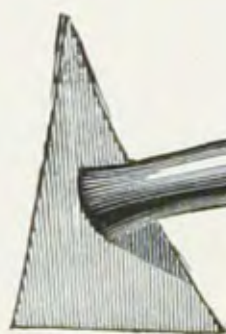
\$18.00

3

Small, Height 13 inches, Weight 3 pounds, Japanned and Polished,

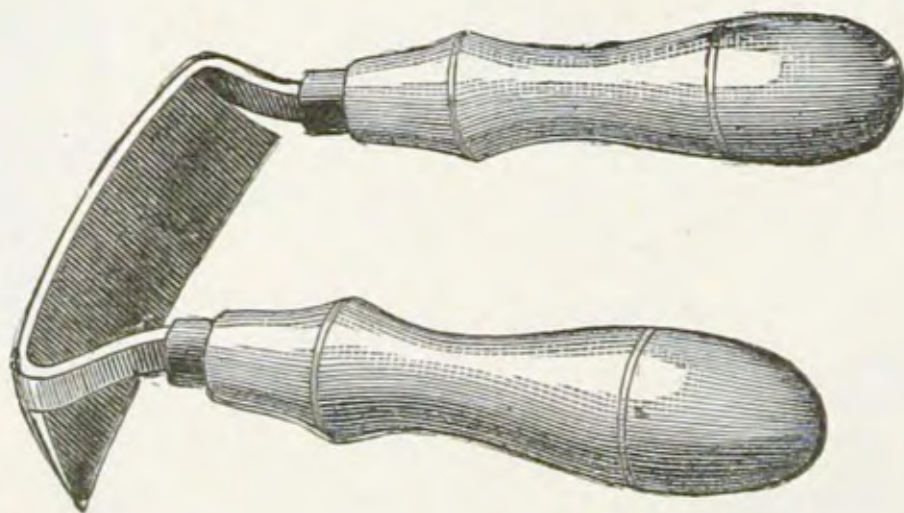
15.00

BOX SCRAPERS



One Handle,

per dozen, \$5.50

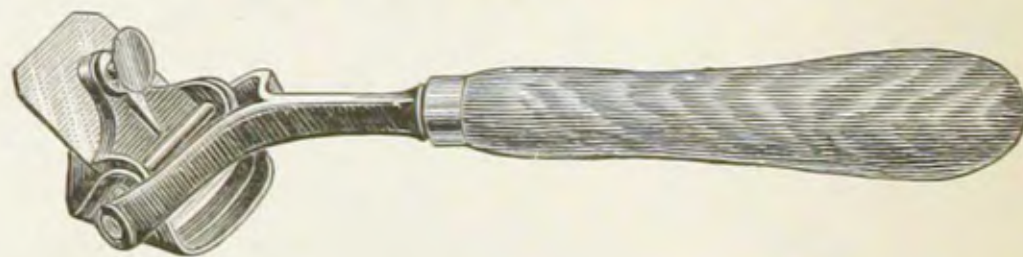


Two Handles,

per dozen, \$7.50

Half dozen in a box.

PATENT ADJUSTABLE BOX SCRAPERS



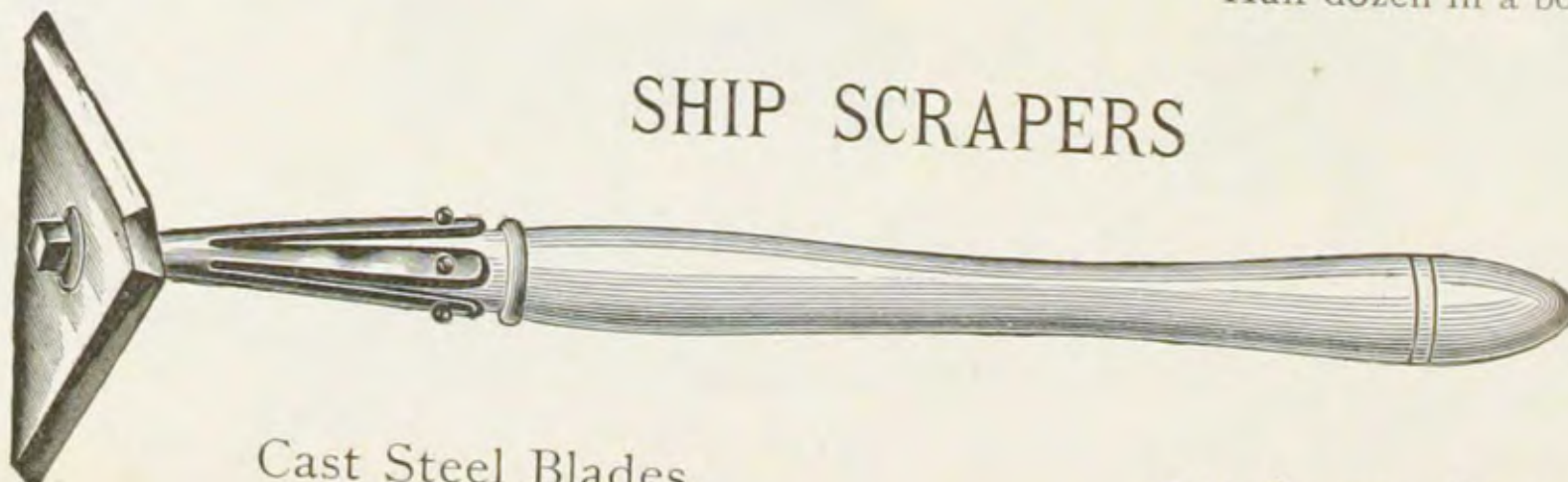
No. 70 Malleable Iron, 2 inch Steel Cutter,

per dozen, \$6.00

Cast Steel Cutters, " " 1.50

Half dozen in a box.

SHIP SCRAPERS



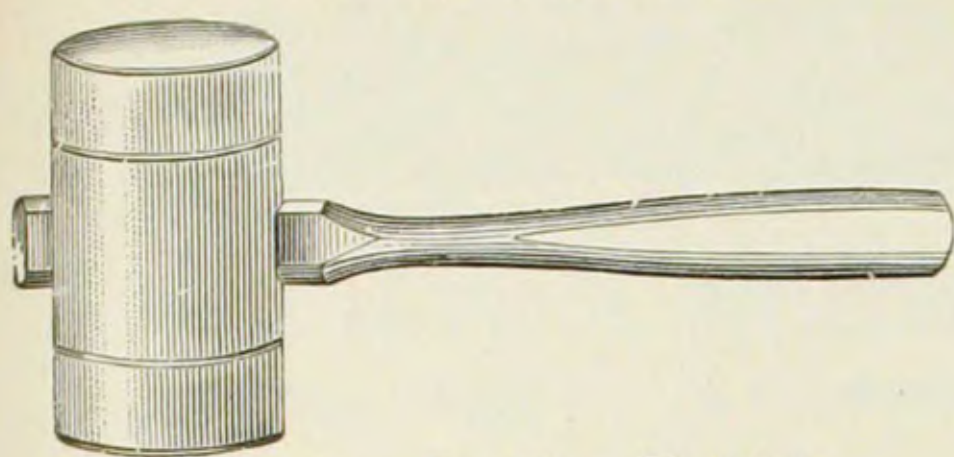
Cast Steel Blades,

per dozen, \$3.50

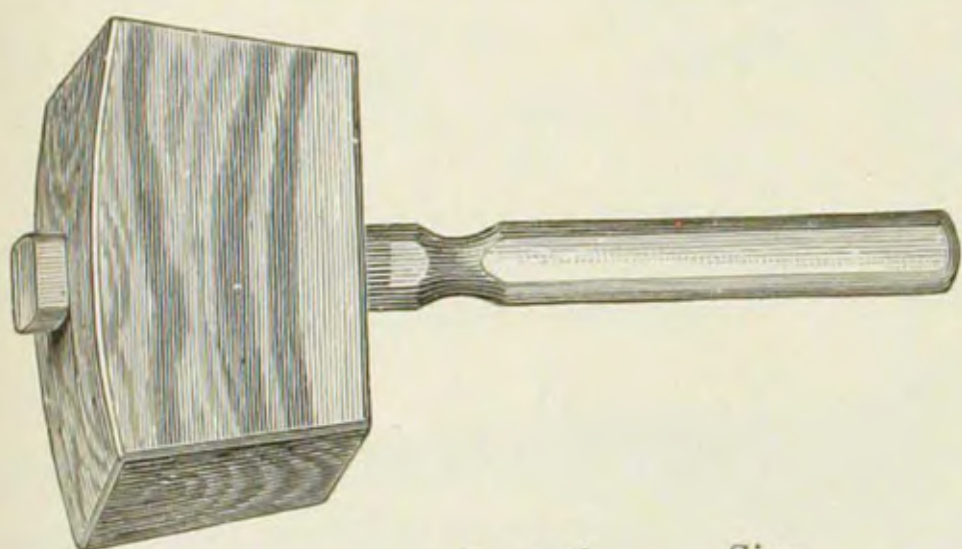


MALLETS

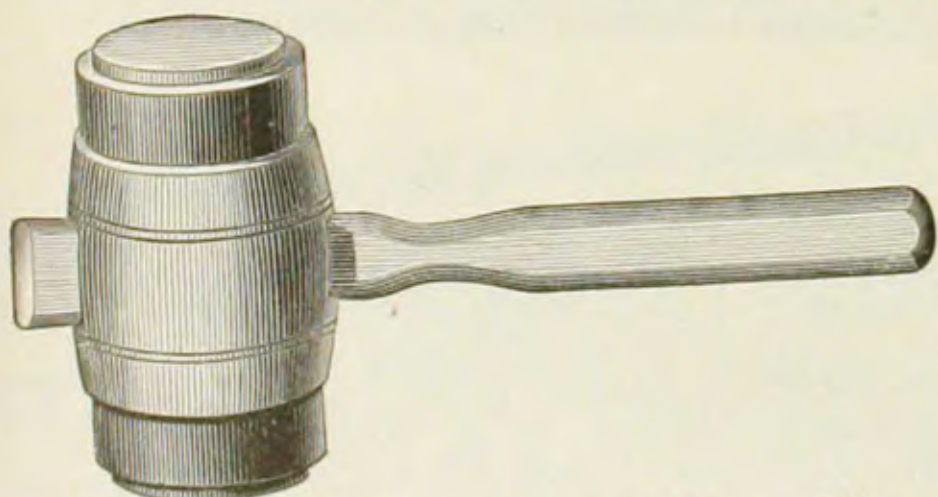
MORTISED HANDLES



No.		Length, inches.	Diameter, inches.	Per dozen.
1	Round Hickory,	5	3	\$1.50
2	" "	5 1/2	3 1/2	2.00
3	" "	6	4	2.50
5	" Lignum-vitæ,	5	3	3.00
6	" "	5 1/2	3 1/2	4.00
7	" "	6	4	5.00

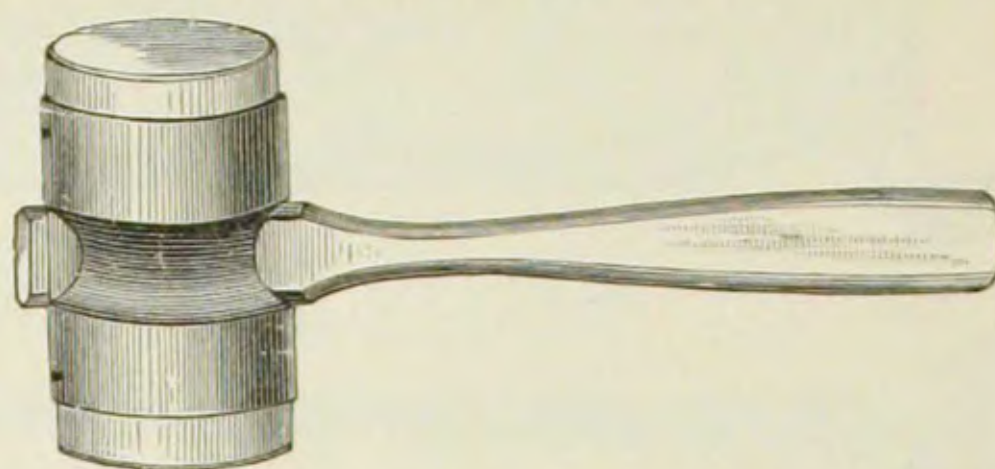


No.		Length, inches.	Size, inches.	Per dozen.
8	Square Hickory,	6	2 1/2 x 3 1/2	\$2.00
9	" "	6 1/2	2 3/4 x 3 3/4	2.50
10	" "	7	3 x 4	3.00
11	" Lignum-vitæ,	6	2 1/2 x 3 1/2	3.75
12	" "	6 1/2	2 3/4 x 3 3/4	4.75
13	" "	7	3 x 4	5.75



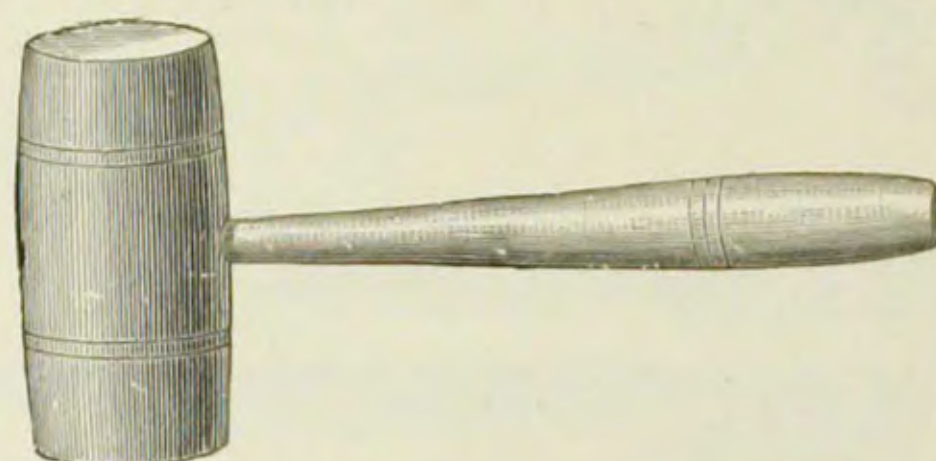
- No. 14 Round Mallet, Iron Rings, 6 in. long, 4 in. diameter, per doz., \$5.50
 No. 14 1/2 Round Mallet, Iron Rings, 5 1/2 in. long, 3 1/2 in. diameter, per doz., \$4.00

MORTISED HANDLES



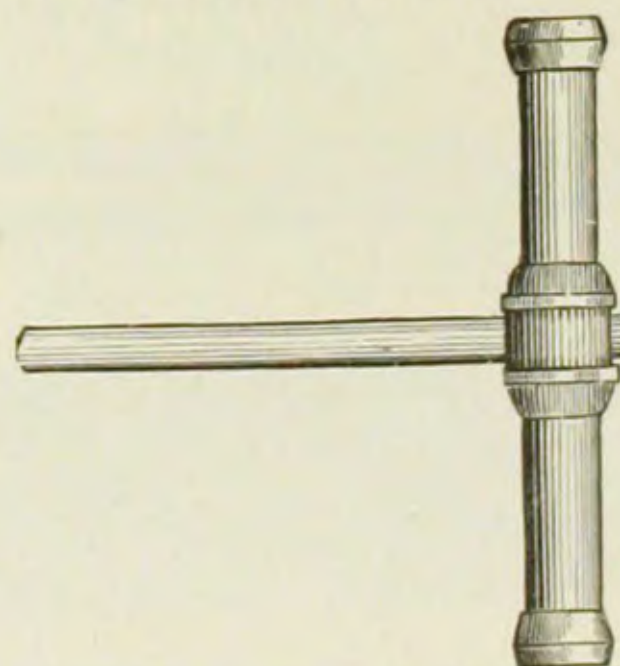
- No. 16 Round Mallet, Heavy Malleable Iron Socket, Mortised, Hickory Ends, 3 inches diam., per doz., \$7.50

TINNERS' MALLETS



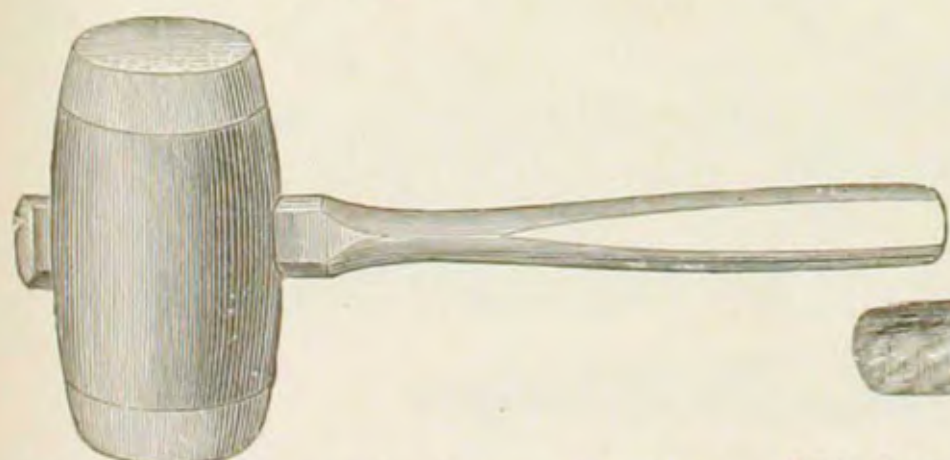
- No. 4 Round Hickory, 5 1/2 inches long, assorted, 2 1/4 and 2 1/2 inches diam., per dozen, \$1.00

CAULKING MALLETS

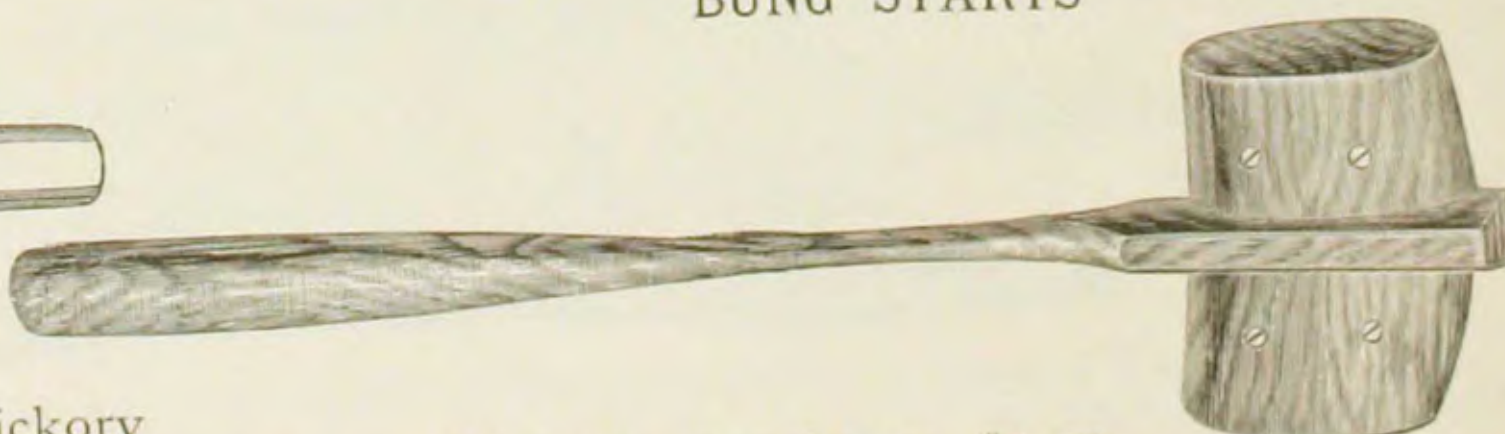


- Live Oak, well seasoned, highly finished and polished, per dozen, \$14.00

BUNG STARTS



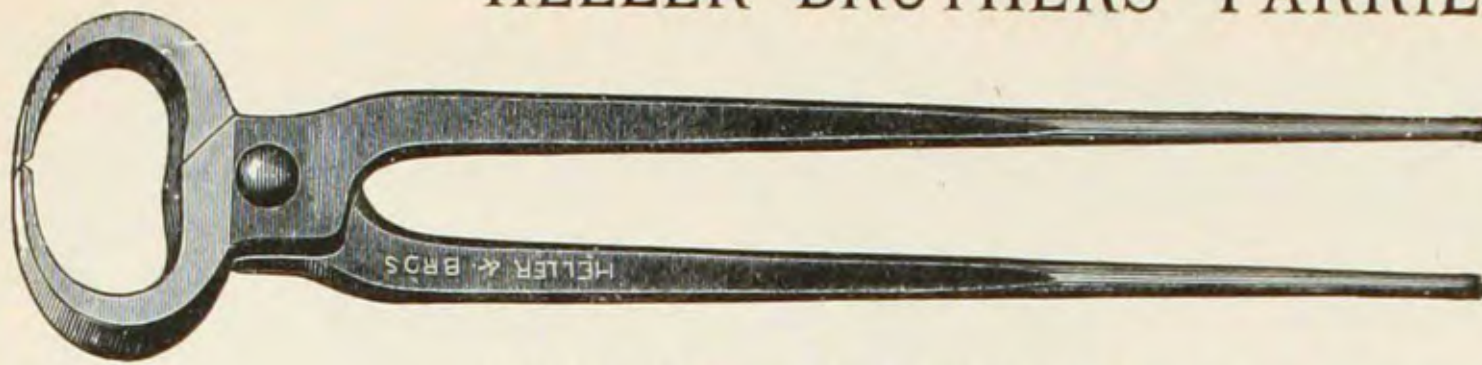
- No. 15 Round Iron Mallet, Hickory Ends, 2 1/2 inches diam., per doz., \$4.00



- Hickory, per dozen, \$2.50



HELLER BROTHERS' FARRIERS' PINCERS



SOLID CAST STEEL

Size, inches, 12 13 14 16
 Per doz., \$15.00 16.00 24.00 30.00
 12 and 13 inches, half dozen in a box; 14 and 16 inches, quarter dozen.

HELLER BROTHERS' FARRIERS' NIPPERS



SOLID CAST STEEL

Size, inches, 8 10 12 14
 Per dozen, \$10.00 16.00 20.00 24.00
 Half dozen in a box.

HELLER BROTHERS' HOOF PARERS

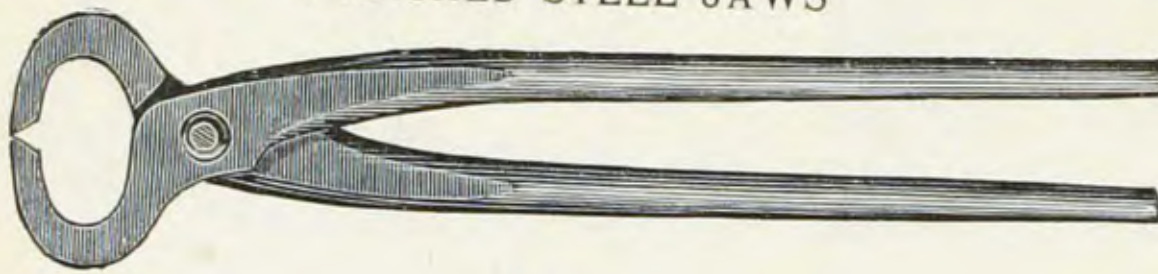


SOLID CAST STEEL

Size, inches, 12 14
 Per dozen, \$20.00 24.00
 Half dozen in a box.

HORSE-SHOEING PINCERS

POLISHED STEEL JAWS



NO. 20
 Size, inches, 10 12 14
 Per dozen, \$20.50 22.50 25.50
 Half dozen in a box.

CUTTING PINCERS

POLISHED STEEL JAWS



NO. 25
 Size, inches, 6 8 10
 Per dozen, \$5.50 7.50 9.50
 Half dozen in a box.

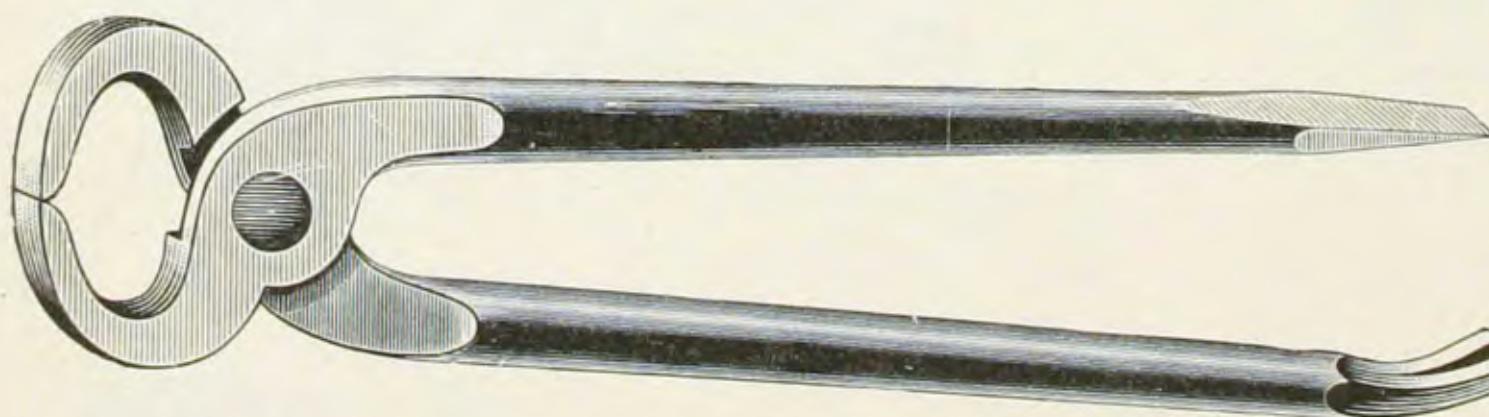
WROUGHT IRON BLACKSMITHS' TONGS



Size, inches, 18 20 22 24 26 28 30
 Per dozen, \$12.50 14.00 17.00 19.00 22.00 26.00 28.00

CARPENTERS' PINCERS

FORGED STEEL, POLISHED JAWS



NO. 50
 Size, inches, 6 8 10 12
 Per dozen, \$6.50 7.00 8.00 9.00

NO. 100
 Size, inches, 6 7 8
 Per dozen, \$2.40 3.00 4.00
 Size, inches, 9 10
 Per dozen, \$6.00 7.50
 Half dozen in a box.

MOORE'S AUGER BIT FILES



The only tool ever invented to file all sizes of Auger Bits without cutting away the screw and lip.

Per dozen,

One dozen on a card.

\$2.50

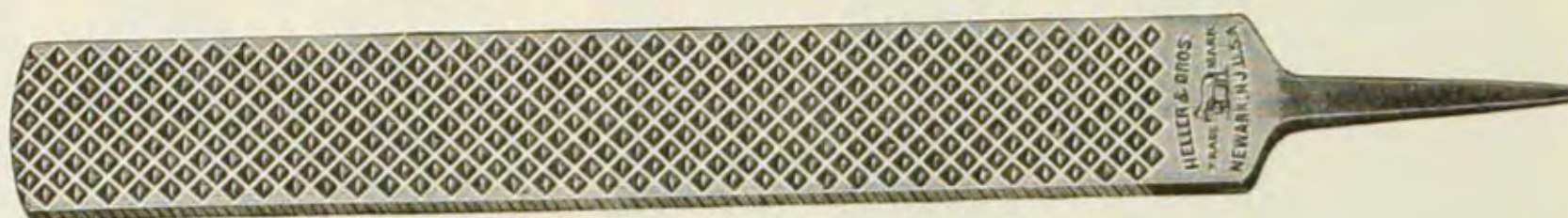


HELLER & BROTHERS' HORSE RASPS



REGULAR (HALF FILE)

Size, inches,	10	11	12	13	14	15	16	17	18
Per dozen,	\$7.00	8.50	9.50	11.30	13.30	15.60	18.20	21.50	24.50



TANGED (HALF FILE)

Size, inches,	10	11	12	13	14	15	16
Per dozen,	\$9.50	11.30	12.50	14.60	17.20	20.30	24.00

Half dozen in a box.



Nos. 2 and 2½



Nos. 4 and 4½



HORSE TOOTH RASPS

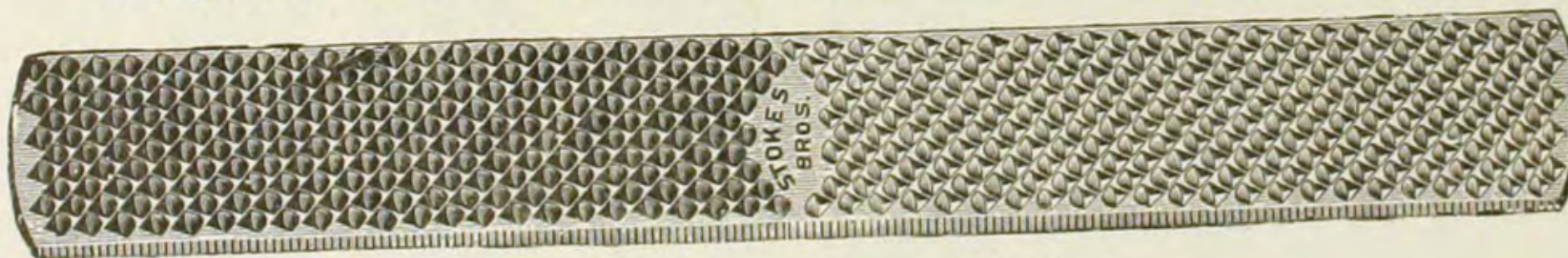
No. 1 Plain,	per doz.,	\$21.50
No. 1½ " Nickel-plated,	" "	32.50
No. 2 Jointed,	" "	30.50
No. 2½ " Nickel-plated,	" "	45.50

ADJUSTABLE HORSE TOOTH FILES

No. 3 Plain,	per doz.,	\$26.50
No. 3½ " Nickel-plated,	" "	35.50
No. 4 Jointed,	" "	34.50
No. 4½ " Nickel-plated,	" "	47.50

One in a box.

STOKES BROTHERS' IMPROVED HORSE RASPS



REGULAR (HALF FILE)

Size, inches,	12	13	14	15	16	18
Per dozen,	\$9.50	11.30	13.30	15.60	18.20	24.50



TANGED (HALF FILE)

Size, inches,	12	13	14	15	16
Per dozen,	\$12.50	14.60	17.20	20.30	24.00

Half dozen in a box.



NICHOLSON FILE COMPANY'S FILES

ILLUSTRATIONS OF PATENT INCREMENT CUT FILES



Hand
Bastard



Mill
Bastard



Flat
Bastard



Half Round
Bastard



Knife
Bastard



Warding
Bastard



Square
Bastard



Round
Bastard

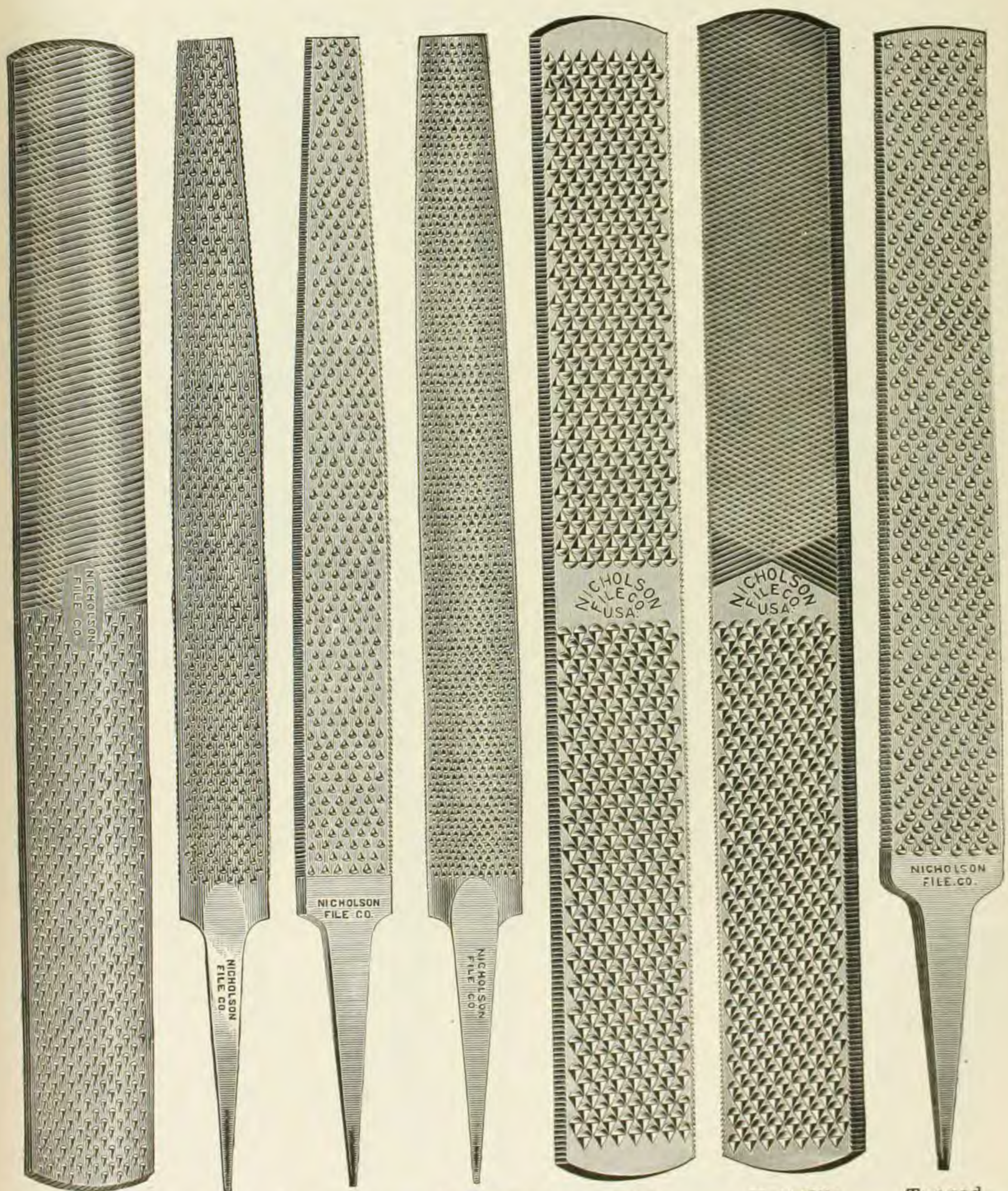


Pit
Saw



NICHOLSON FILE COMPANY'S RASPS

ILLUSTRATIONS OF PATENT INCREMENT CUT RASPS



Half Round
Shoe Rasp

Half Round
Wood Rasp

Flat
Wood Rasp

Half Round
Cabinet Rasp

Plain
Horse Rasp

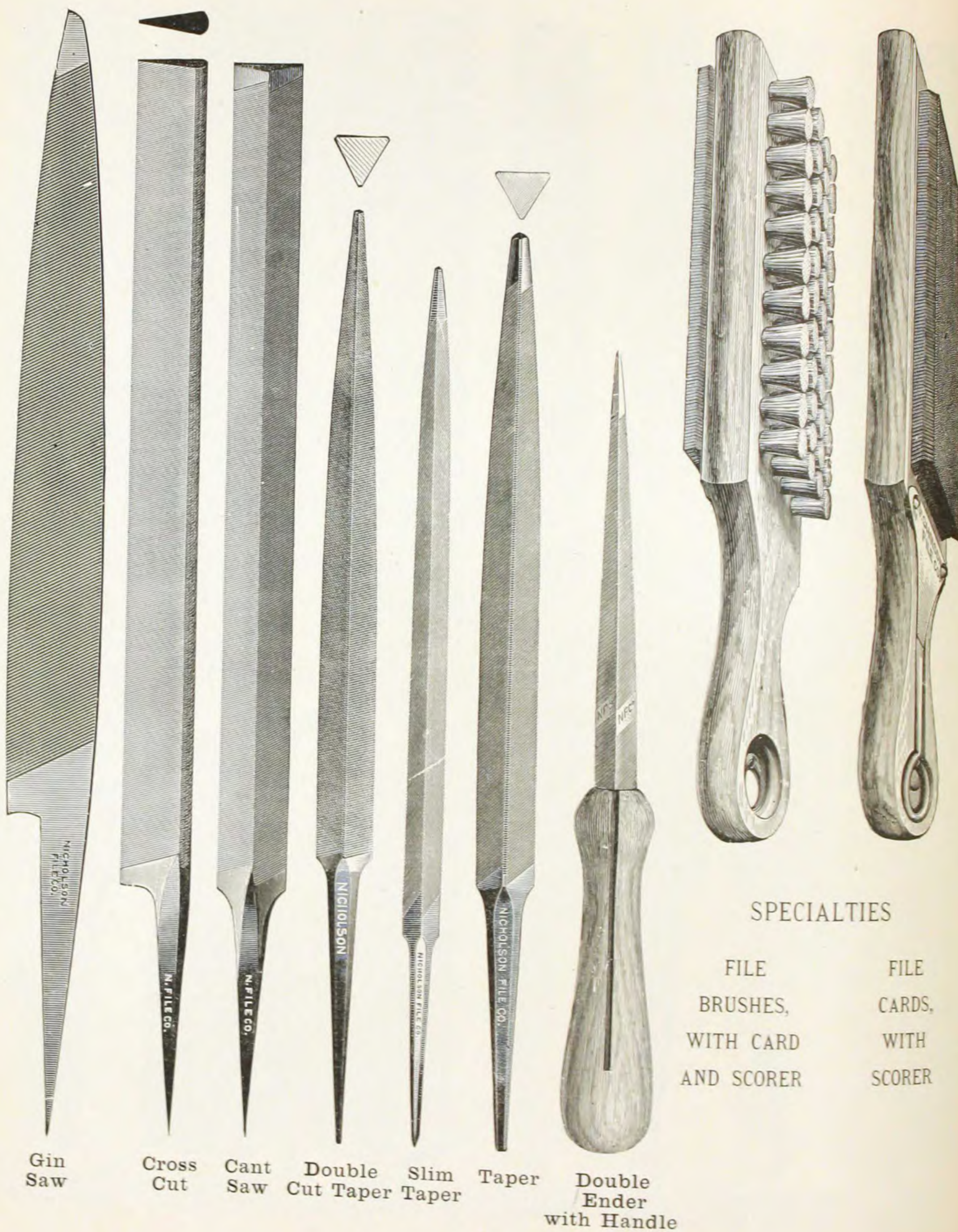
Half File
Horse Rasp

Tanged
Horse Rasp



NICHOLSON FILE COMPANY'S FILES AND TOOLS

ILLUSTRATIONS OF FILES, TOOLS, AND SPECIALTIES



PRICE LIST

OF

PATENT INCREMENT CUT FILES AND RASPS

MANUFACTURED EXCLUSIVELY BY THE

NICHOLSON FILE COMPANY

LIST OF JULY 1, 1897

PER DOZEN

Size, inches.	Mill and Round.			Flat.			Square.			Hlf. Rd. and Three Sq.		
	Bastard.	2d Cut.	Smooth.	Bastard.	2d Cut.	Smooth.	Bastard.	2d Cut.	Smooth.	Bastard.	2d Cut.	Smooth.
4	\$2.20	\$2.60	\$2.90	\$2.70	\$3.20	\$3.50	\$2.80	\$3.40	\$3.70	\$3.60	\$4.20	\$4.50
5	2.40	2.80	3.10	2.90	3.40	3.70	3.10	3.60	3.90	4.00	4.50	4.80
6	2.60	3.00	3.30	3.20	3.60	3.90	3.40	3.80	4.10	4.50	5.00	5.30
7	2.90	3.40	3.70	3.60	4.10	4.50	3.80	4.30	4.70	5.20	5.70	6.10
8	3.20	3.70	4.00	3.90	4.50	4.90	4.10	4.70	5.20	5.60	6.20	6.60
9	3.70	4.30	4.70	4.70	5.40	5.90	4.90	5.70	6.20	6.30	7.00	7.40
10	4.20	4.80	5.20	5.20	6.00	6.50	5.50	6.30	6.80	6.80	7.50	8.00
11	5.00	5.80	6.30	6.40	7.30	8.00	6.80	7.70	8.40	8.00	8.80	9.40
12	5.60	6.40	7.00	7.20	8.20	9.00	7.60	8.60	9.50	8.80	9.70	10.40
13	7.00	8.00	8.70	8.80	10.10	11.00	9.30	10.60	11.50	10.50	11.50	12.30
14	8.00	9.10	9.80	9.90	11.40	12.40	10.40	12.00	13.00	11.60	12.70	13.60
15	9.80	11.10	12.00	11.90	13.60	14.90	12.60	14.30	15.60	13.80	15.20	16.20
16	11.00	12.50	13.40	13.30	15.00	16.60	14.00	15.80	17.40	15.30	16.80	18.00
17	13.50	15.10	16.20	16.00	18.00	19.70	16.80	18.90	20.50	18.40	20.10	21.50
18	15.10	16.90	18.10	17.80	20.00	21.80	18.70	21.00	22.60	20.50	22.30	23.80
19	18.30	20.50	21.90	21.20	23.60	25.80	22.10	24.80	26.60	24.40	26.60	28.40
20	20.40	22.90	24.50	23.50	26.30	28.50	24.40	27.30	29.30	27.00	29.40	31.50
Mill Blunt, Dbl. Cut, advance 2 in.				Cant (Blunt) Double Cut, advance 2 in.			Square Blunt, advance 1 in.			Ginsaw, take Bastard price.		
" Double " " 1 "										Crossing, advance 2 in.		
" Narrow Point, " 1 "										Tumbler, " 2 "		
" Machine, " 1 "										Feather Edge		
" Triangular and Sq., " 1 "										(Blunt), " 2 "		
" Farmers' Own, " 1 "										High Back, " 2 "		
advance on Bastard, 1 "										Half Round, " 2 "		
Patent Double Ender, with Handle.												
THE NAME	7	8	9	10	IS A							
DOUBLE					TRADE							
ENDER	\$2.60	\$2.90	\$3.20	\$3.70	MARK.							

PRICE LIST

OF

PATENT INCREMENT CUT FILES AND RASPS

MANUFACTURED EXCLUSIVELY BY THE

LIST OF JULY 1, 1897

NICHOLSON FILE COMPANY

PER DOZEN

Size, inches.	Tapers.		Slim Tapers.		Bandsaw. Blunt and Taper.		Pit Saw.	Cant Saw.	Cross Cut.	Hook Tooth.	Planer Knife.	Inserted Tooth, or Chisel Tooth.
	Single Cut.	Double Cut.	Single Cut.	Double Cut.	Regular.	Slim.	Single Cut.	Single Cut.	Single Cut.	Single Cut.	Single Cut.	
3	\$1.50	\$1.90	\$1.50	\$1.90	\$1.90	\$1.90	....	....	....	....	....	....
3½	1.50	1.90	1.50	1.90	1.90	1.90	....	....	....	....	....	....
4	1.60	2.10	1.60	2.00	2.10	2.00	\$3.60	\$3.20	\$3.60	....	....	....
4½	1.80	2.30	1.70	2.20	2.30	2.20	....	....	....	....	....	....
5	2.00	2.60	1.90	2.40	2.60	2.40	4.00	3.50	4.00	....	....	....
5½	2.20	3.00	2.10	2.60	3.00	2.60	....	....	....	....	....	....
6	2.50	3.50	2.30	2.90	3.50	2.90	4.50	4.00	4.50	\$5.00	....	....
7	3.20	4.20	2.80	3.30	4.20	3.30	5.20	4.50	5.20	5.70	....	....
8	4.00	5.00	3.30	3.90	5.00	3.90	5.60	4.80	5.60	6.20	\$4.80	\$6.20
9	4.90	6.00	4.00	4.70	6.00	4.70	6.30	5.80	6.30	7.00	....	7.00
10	6.00	7.20	4.80	5.60	7.20	5.60	6.80	6.50	6.80	7.50	6.40	7.50
11	8.00	9.00	6.20	6.80	9.00	6.80	8.00	7.70	8.00	8.80	....	....
12	9.30	11.00	7.10	8.20	11.00	8.20	8.80	8.50	8.80	9.70	9.00	....
13	11.80	13.00	9.00	9.80	13.00	9.80	....	....	....	....	....	....
14	13.50	15.30	10.30	11.50	15.30	11.50	....	....	....	....	....	....
Round Gulleting take Pitsaw Price.												
Size, inches.	Horse Rasps.			File Rasps.		Wood Files.						
	Plain.	Bev. & ¼ Rasp.	Tanged.	Flat.	Half Round.	Flat.	Half Round.	Cabinet.				
6	Patent "RACER" Brand Horse Rasps take these Prices.			\$5.50	\$6.00	\$3.20	\$4.50	\$6.00				
7				6.40	6.90	3.60	5.20	6.90				
8				7.00	7.50	3.90	5.60	7.50				
9				8.50	9.10	4.70	6.30	9.10				
10	\$7.00	\$8.00	\$9.50	9.50	10.20	5.20	6.80	10.20				
11	8.50	9.60	11.30	11.60	12.50	6.40	8.00	12.50				
12	9.50	10.70	12.50	13.00	14.00	7.20	8.80	14.00				
13	11.30	12.70	14.60	15.60	16.70	8.80	10.50	16.70				
14	13.30	15.00	17.20	17.30	18.50	9.90	11.60	18.50				
15	15.60	17.60	20.30	20.70	22.10	11.90	13.80	22.10				
16	18.20	20.50	24.00	23.00	24.50	13.30	15.30	24.50				
Size, inches.	Wood Rasps.			Shoe Rasps.			Warding.					
	Flat.	Hf. Round.	Cabinet.	Flat.	Hf. Round.	Oval.	Bastard.	2d Cut.	Smooth.			
4	....	....	....	....	....	....	\$3.00	\$3.60	\$4.00			
5	....	....	....	....	....	....	3.30	3.90	4.30			
6	\$5.50	\$6.00	\$7.50	\$6.00	\$6.00	\$6.90	3.70	4.40	4.80			
7	6.40	6.90	8.70	6.90	6.90	7.50	4.40	5.10	5.60			
8	7.00	7.50	9.50	7.50	7.50	9.10	4.80	5.60	6.10			
9	8.50	9.10	11.60	9.10	9.10	10.20	5.80	6.70	7.40			
10	9.50	10.20	13.00	10.20	10.20	12.50	6.50	7.50	8.20			
11	11.60	12.50	15.40	12.50	12.50	14.00	8.10	9.40	10.20			
12	13.00	14.00	17.00	14.00	14.00	16.70	9.20	10.60	11.50			
13	15.60	16.70	20.00	16.70	16.70	....	11.30	12.90	14.00			
14	17.30	18.50	22.00	18.50	18.50	....	12.70	14.50	15.70			
15	20.70	22.10	25.30	Last Makers' Rasps. One inch advance on Cabinet Rasp.			....	....	....			
16	23.00	24.50	27.50				....	....	....			
Sizes below 4 inches, not extended, take 4 inch price. Half inches not specified, take next higher full inch price. Dead Smooth, double the price of Bastard Cut. One Round Edge, advance 12½ per cent. Cuts not specified, made upon regular blanks, advance one inch on respective kinds and nearest cut. Irregular Goods: all lengths above those listed, and files varying from standard sizes, to be classed as irregular and subject to special prices.												
Blunt Files not specified, advance one inch on respective kinds and cuts. Single or Float Cut not specified, on regular shapes take Double Cut price. Equalings (Bellied), advance two inches on respective kinds and cuts. Two Round Edges, advance 25 per cent.												

RUSSELL & ERWIN MANUFACTURING CO.'S SPECIAL BRAND
"RUSSWIN"

A Thoroughly Reliable and Warranted File.

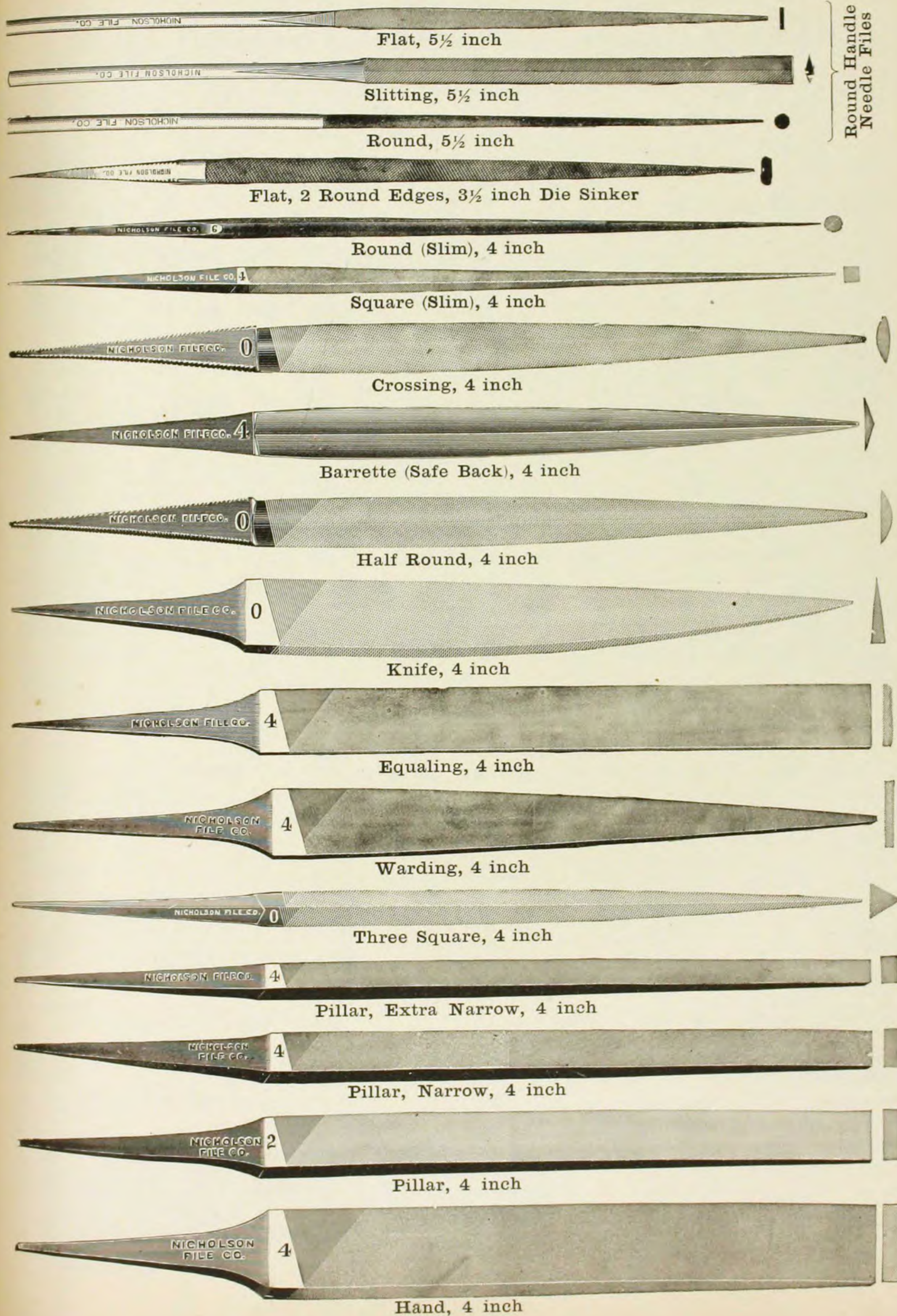
Complete assortment of the regular sizes.

LIST PRICES SAME AS NICHOLSON'S FILES.



NICHOLSON FILE CO.'S SWISS PATTERN FILES

759



PRICE LIST

OF

EXTRA [X * F] FINE SWISS PATTERN FILES

ALSO TOOLS AND SPECIALTIES

MANUFACTURED EXCLUSIVELY BY THE

NICHOLSON FILE COMPANY

LIST OF JANUARY 1, 1898

PER DOZEN

Hand, One Safe Edge.									Pillar, Pillar Narrow, Pillar Extra Narrow, Two Safe Edges.						
Size, inches,	3	3½	4	4½	5	6	7	8	3	3½	4	4½	5	6	7
Cut No. 00 & 0 }	\$2.30	2.40	2.80	3.50	3.80	4.50	5.20	6.30	2.10	2.30	2.60	3.40	3.90	4.10	4.60
Cut No. 1 & 2 }		2.50	2.90	3.70	4.00	4.70	5.50	6.70	2.20	2.40	2.70	3.50	4.00	4.20	4.70
Cut No. 3 & 4		2.60	3.00	3.90	4.20	4.90	5.90	7.30	2.30	2.50	2.80	3.60	4.10	4.30	4.80
Cut No. 5		2.80	3.20	4.10	4.50	5.10	6.50	7.70	2.30	2.50	2.80	3.60	4.10	4.30	4.80
Cut No. 6		3.00	3.50	4.30	4.80	5.80	7.30	8.80	2.40	2.60	3.10	3.90	4.30	4.50	5.10

Size, inches,		2	2½	3	3½	4	4½	5	6	7	8	10	Pillar, Pillar Narrow, and Pillar Extra Narrow, with one or both edges cut, take same List Price as with two safe edges.
Width in Dec- imal parts of an inch stated as near as practicable.	Hand,	\$0.33	.38	.43	.48	.53	.58	.62	.72	.81	.90	1.09	
	Pillar,	.23	.26	.29	.32	.35	.38	.42	.48	.54	.60	.73	
	Pillar Narrow,	.17	.19	.22	.24	.27	.29	.31	.36	.41	.45	.55	
	Pillar Ex. Narrow,	.12	.13	.14	.16	.18	.19	.21	.24	.27	.30	.36	

Size, inches,	3	3½	4	4½	5	6	7	8	Needle Files.	
										Per dozen.
Three Square, } all Metal Saw, } cuts	\$2.40	2.50	2.80	3.50	3.80	4.20	5.30	6.30	Round Handle, { 10 cm. or 4 inches, \$1.20 12 cm. or 4¾ " 1.40 14 cm. or 5½ " 1.60 16 cm. or 6¼ " 1.80	
Knife, "	2.40	2.50	2.90	3.60	4.00	4.90	5.80	6.70		
Warding, "	2.20	2.30	2.80	3.50	3.80	4.50	5.40	5.90		
Equaling, "	2.20	2.30	2.70	3.50	3.90	4.30	5.50	6.30		
Slitting, "	2.30	2.50	2.90	3.60	3.90	4.40	5.60	6.40	Square Handle } or Escapement, } 14 cm. or 5½ inches, \$2.00	
Half Round, "	2.20	2.30	2.80	3.60	4.00	4.80	5.90	6.80		
Crossing, "	2.20	2.40	2.90	3.60	4.00	4.80	5.90	6.90		
Barrette, "	2.20	2.30	2.80	3.60	3.90	4.40	5.50	5.90		
Square, "	1.80	1.90	2.10	2.80	3.00	3.50	4.80	5.80	Of the following twelve varieties, viz.: Round, Half Round, Flat, Oval, Knife, Square, Three Square, Equal- ing, Slitting, Joint, Barrette, and Marking (if Round Handle), or Half Round Blunt (if Square Handle). Put up in dozens, either assorted (one of each kind) or in kinds. Assorted dozens will always be sent when order does not state otherwise.	
Round, "	1.60	1.70	2.00	2.70	2.90	3.40	4.70	5.50		
Round Straight, "	1.70	1.80	2.20	2.80	3.20	3.60	5.00	6.00		
Barrette, cut all sides,	2.40	2.60	3.10	3.80	4.10	4.70	....	....		
Cant, "	2.40	2.60	3.10	3.80	4.10	4.70	....	....	File Cleaners.	
Crochet, all cuts,	2.10	2.30	2.80	3.60	3.80	4.20	4.40	4.60	File Card, with Scorer, per dozen, \$2.50	
Drill or Joint, "	1.80	1.90	2.10	2.80	3.00	3.30	3.70	4.20	File Brush, with Card and Scorer, " 4.40	
Rnd. or Sq. Edge, "	1.80	1.90	2.10	2.80	3.00	3.30	3.70	4.20	Bent Riffers, Handled,	
Broach, "	From Gauge 40 to 65 inclusive, \$1.40 per doz.								set of 6, assorted shapes, \$2.50	
Thickness of } Thin	\$0.02	.03	.04	.05	.06	.08	.09	.10	Machinist Scrapers, Handled,	
Drill or Joint } Thick	.06	.07	.08	.09	.10	.12	.13	.14	set of 6, assorted shapes, 2.25	
									Roller Files, per dozen, 3.75	
									Jig (or Fisherman's) Rasps, " 1.75	
									Horse Mouth Rasps. Per dozen.	
									Long Handle, Plain, \$12.00; nickeled, \$20.00	
									Jointed, Nickeled, 27.00	



HENRY DISSTON & SONS' SAWS

PATENT GROUND AND TEMPERED SOLID TEETH CIRCULAR SAWS

Of extra quality, superior workmanship, and guaranteed as per warranty.

STANDARD GAUGE

Exactly corresponds with the Stubs' English Gauge.

Gauge No.	4					1/4 inch	scant.
" No.	5					3/8	"
" No.	6					1/2	"
" No.	7					5/8	scant.
" No.	8					3/4	full.
" No.	9					7/8	scant.
" No.	10					1	full.
" No.	11					1 1/8	scant.
" No.	12					1 1/4	"
" No.	13					1 1/2	"
" No.	14					1 3/4	full.
" No.	15					2	scant.
" No.	16					2 1/4	full.

Circular Saw Mandrels furnished with Pulleys on the end or in center.

The above illustration represents the various styles and numbers of Saw Teeth; also the Standard Gauge. By consulting it parties will be enabled to inform us the size and style of tooth and also the gauge of any Saw they may desire.

Diameter.	Thickness.	Size of Hole.	Price, each.	Extra for each additional Gauge (heavier).	Diameter.	Thickness.	Size of Hole.	Price, each.	Extra for each additional Gauge (heavier).
1 inch	24 gauge	3/8	\$0.50	\$0.01	32 inches	10 gauge	1 5/8	\$20.00	\$1.00
1 1/2 "	24 "	3/8	.55	.01	34 "	9 "	1 5/8	22.50	1.20
2 "	23 "	3/8	.60	.01 1/2	36 "	9 "	1 5/8	25.50	1.40
2 1/2 "	22 "	3/8	.65	.02	38 "	9 "	1 5/8	30.00	1.75
3 "	21 "	1/2	.70	.02 1/2	40 "	9 "	2	35.00	2.00
3 1/2 "	20 "	1/2	.80	.03	42 "	8 "	2	42.00	2.50
4 "	19 "	3/4	1.00	.03	44 "	8 "	2	50.00	3.00
5 "	19 "	3/4	1.20	.04	46 "	8 "	2	60.00	3.50
6 "	18 "	3/4	1.40	.05	48 "	8 "	2	70.00	4.00
7 "	18 "	3/4	1.70	.06	50 "	7 "	2	80.00	4.50
8 "	18 "	7/8	2.00	.08	52 "	7 "	2	90.00	5.00
9 "	17 "	7/8	2.50	.10	54 "	7 "	2	100.00	6.00
10 "	16 "	1	3.00	.12	56 "	7 "	2	115.00	7.00
11 "	16 "	1	3.50	.14	58 "	7 "	2	130.00	8.00
12 "	15 "	1	3.75	.17	60 "	6 "	2	145.00	9.00
14 "	15 "	1 1/8	4.50	.21	62 "	6 "	2	160.00	10.00
16 "	14 "	1 1/8	5.50	.25	64 "	6 "	2	180.00	12.00
18 "	13 "	1 1/4	7.00	.30	66 "	6 "	2	200.00	15.00
20 "	13 "	1 5/8	8.50	.35	68 "	5 "	2	225.00	18.00
22 "	12 "	1 5/8	10.00	.45	70 "	5 "	2	255.00	21.00
24 "	11 "	1 3/8	12.00	.55	72 "	5 "	2	290.00	24.00
26 "	11 "	1 3/8	14.00	.65	74 "	5 "	2	330.00	27.00
28 "	10 "	1 1/2	16.00	.80	76 "	5 "	2	375.00	30.00
30 "	10 "	1 1/2	18.00	.90					

Grooving Saws, special prices. Circular Saws to cut Bone or Ivory, 50 per cent. advance.

No extra charge for Saws one gauge thicker than List. Circular Saws beveled one gauge without extra charge. When not otherwise specified, Saws will always be sent of above gauge and size of hole.



CONQUEROR SAW SWAGES

No.	Each.
1 For large Circular Saws,	\$3.00
2 " small " "	
	and Mill Saws, 2.50
3 " " Circular Saws,	2.00
	One in a box.



CROSS-CUT SAW HANDLES



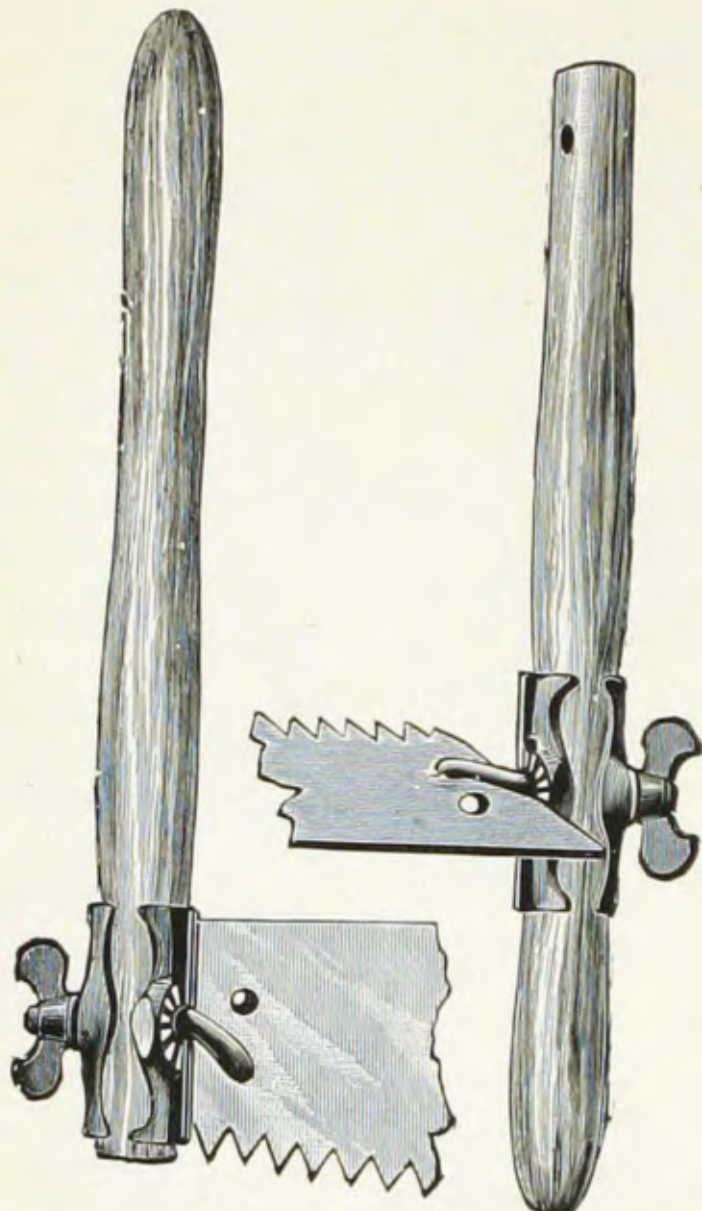
Per pair, LOOP

\$0.24



Per pair, PLAIN

\$0.14

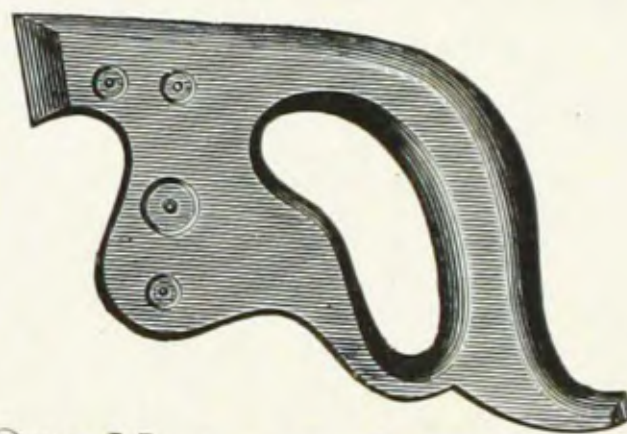


Per pair, CHAMPION \$0.24

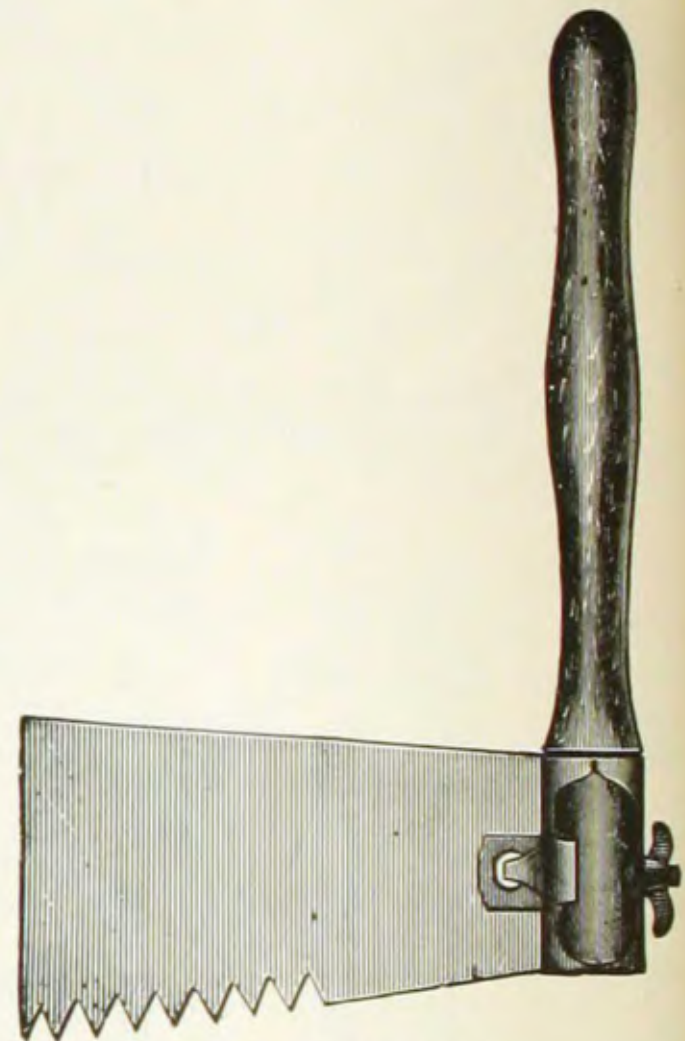


SUPPLEMENTARY HANDLES FOR ONE MAN SAW

Per dozen, \$2.25



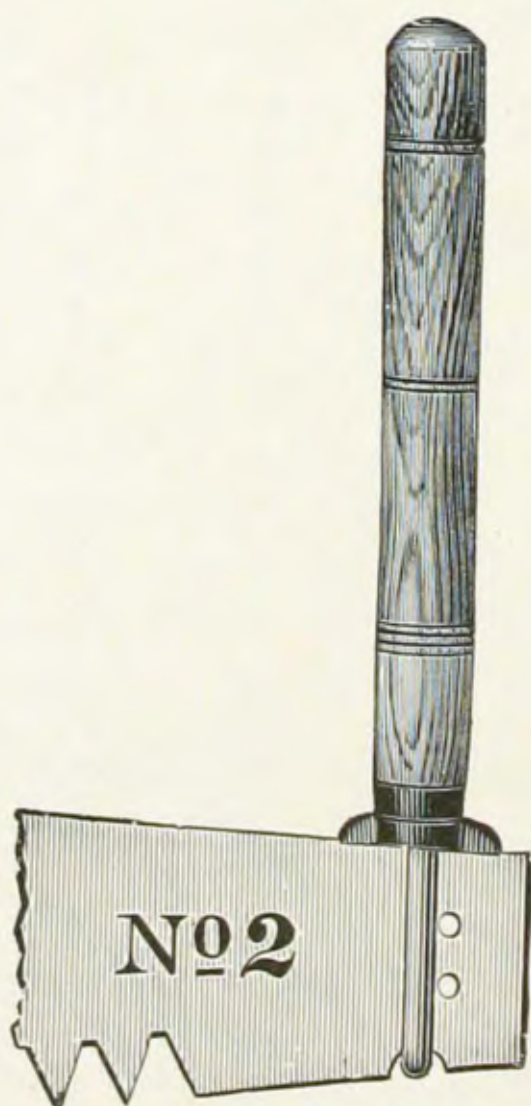
One Man, per doz., \$4.50



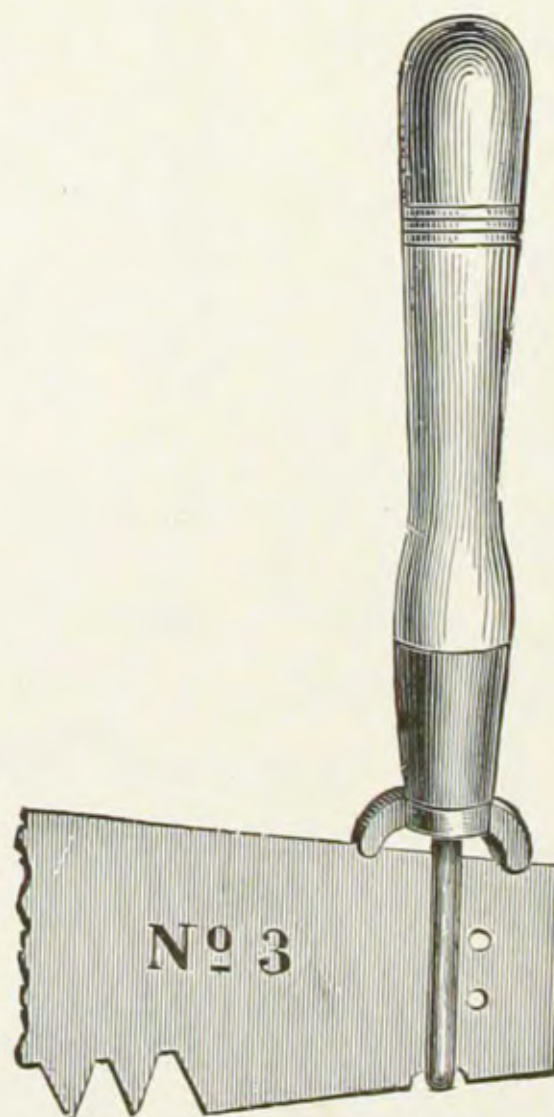
Climax, Dandy, CLIMAX per pair, \$0.40
" " .30



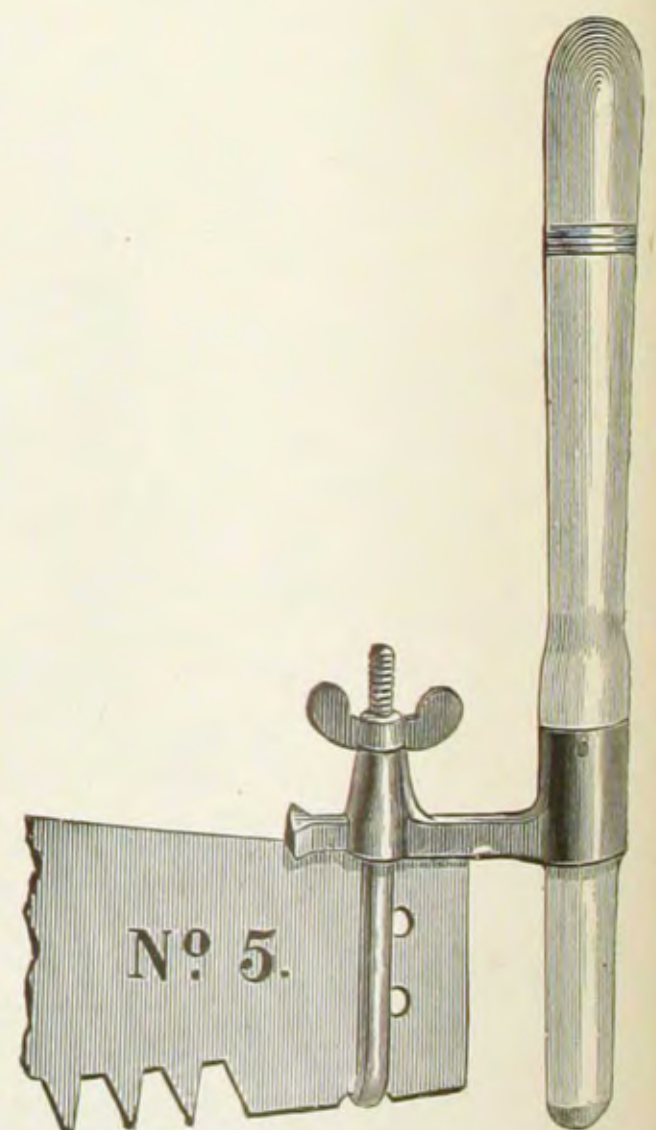
No. 8
Per pair, \$0.24



No. 2
.28



No. 3
.36



No. 5
.40



WHEELER MADDEN & CLEMSON'S CAST STEEL CROSS-CUT SAWS



No. 1 Champion Extra Thin Back, 4 gauges thinner on back than on teeth, per foot, \$0.60
 No. 2 " 2 gauges thinner on back than on teeth, " " .54



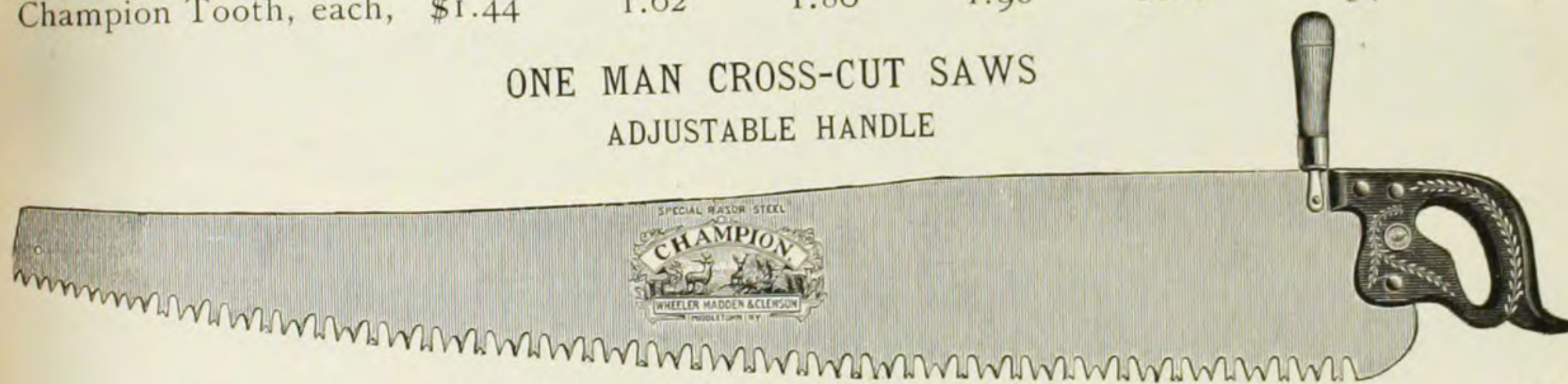
No. XXX Champion New Model, 6 gauges thinner on back than on teeth, per foot, \$0.80
 No. XX " " " 3 " " " " " " " " " " " " .70

NARROW CHAMPION CROSS-CUT SAWS WITHOUT HANDLES



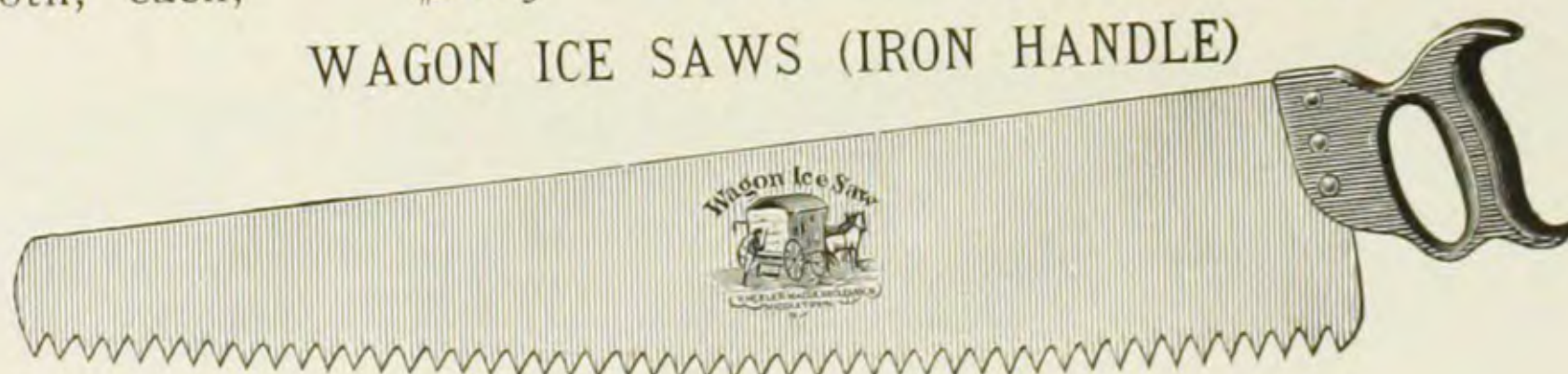
Length, feet,	4	4 1/2	5	5 1/2	6	6 1/2	7
Champion Tooth, each,	\$1.44	1.62	1.80	1.98	2.16	2.34	2.52

ONE MAN CROSS-CUT SAWS ADJUSTABLE HANDLE



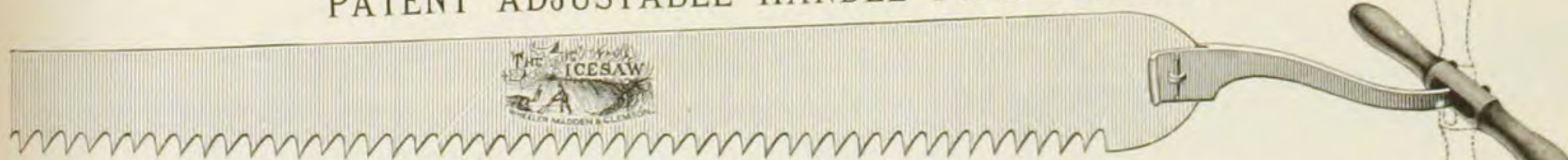
Length, feet,	3	3 1/2	4	4 1/2	5	5 1/2
Champion Tooth, each,	\$2.25	2.60	3.00	3.35	3.70	4.10

WAGON ICE SAWS (IRON HANDLE)



Size, inches,	24	26	28	30
Per dozen,	\$22.00	23.00	24.00	25.00

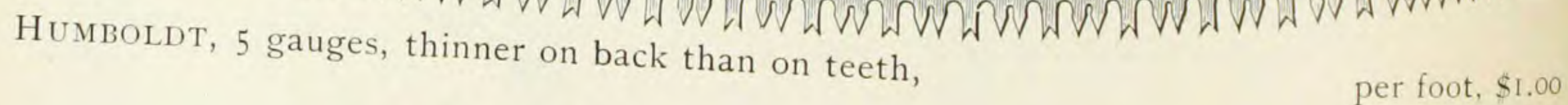
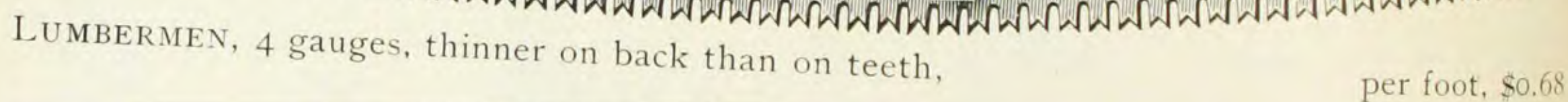
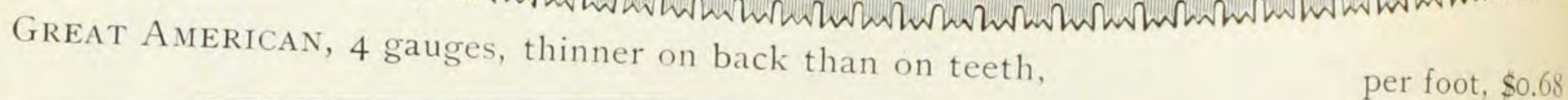
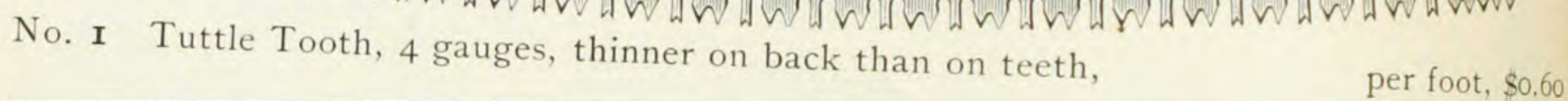
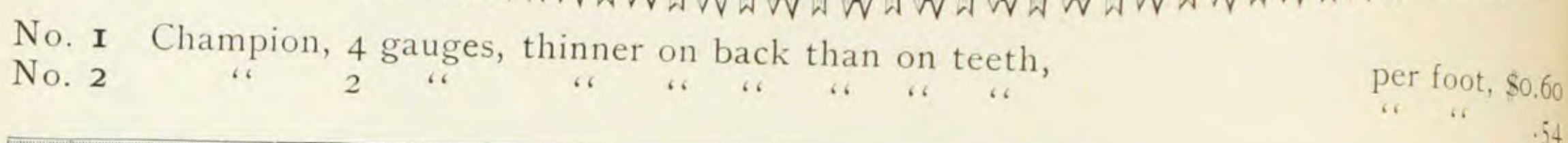
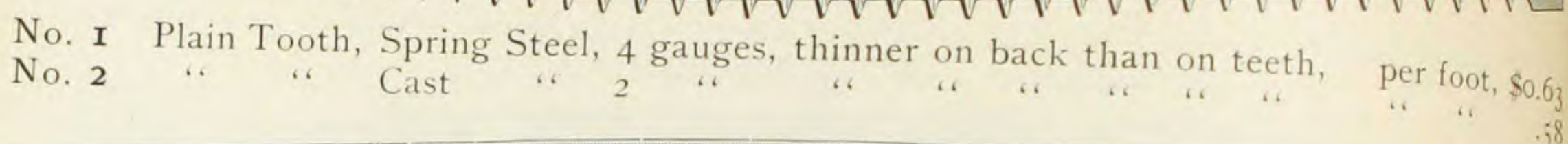
PATENT ADJUSTABLE HANDLE POND ICE SAW



Without Handles, 8x6, No. 10 gauge,
 " " 7x5, No. 10 "
 Handles,

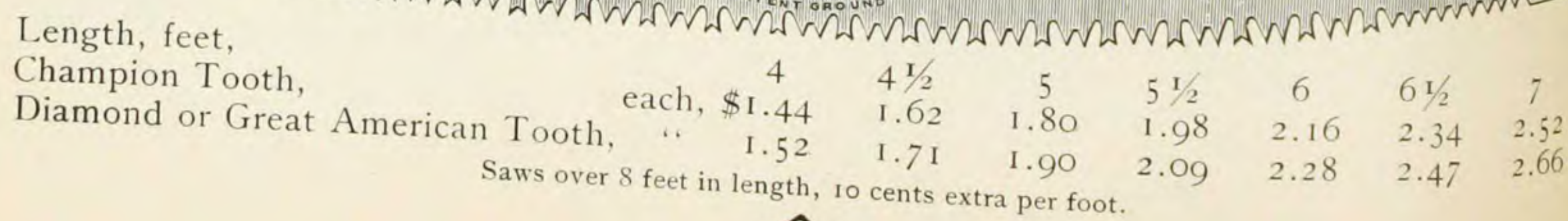
per foot, \$1.00
 " " .90
 each, 1.25





TRIUMPH NARROW CROSS-CUT SAWS

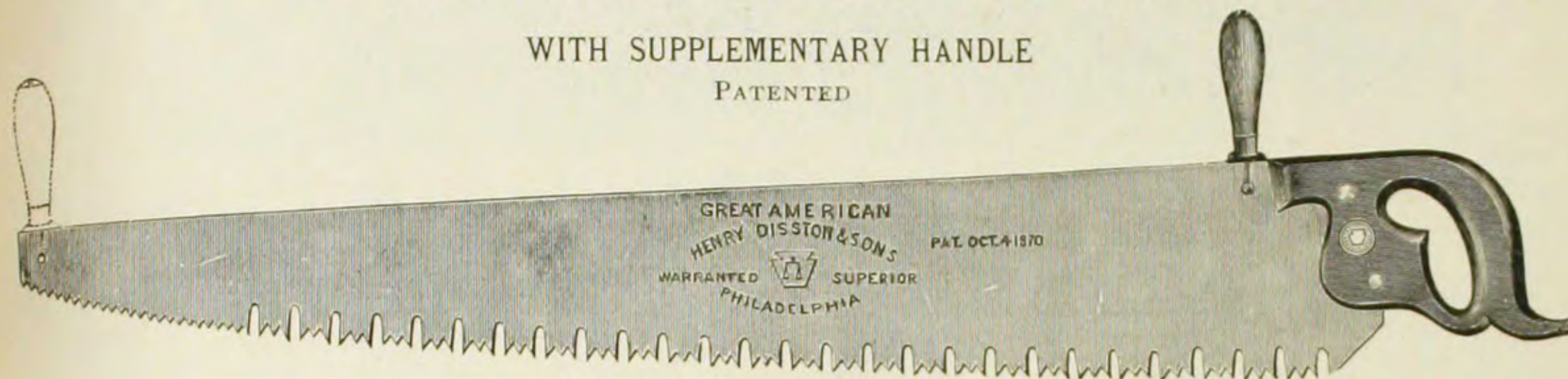
WITHOUT HANDLES



HENRY DISSTON & SONS' CAST STEEL CROSS-CUT SAWS

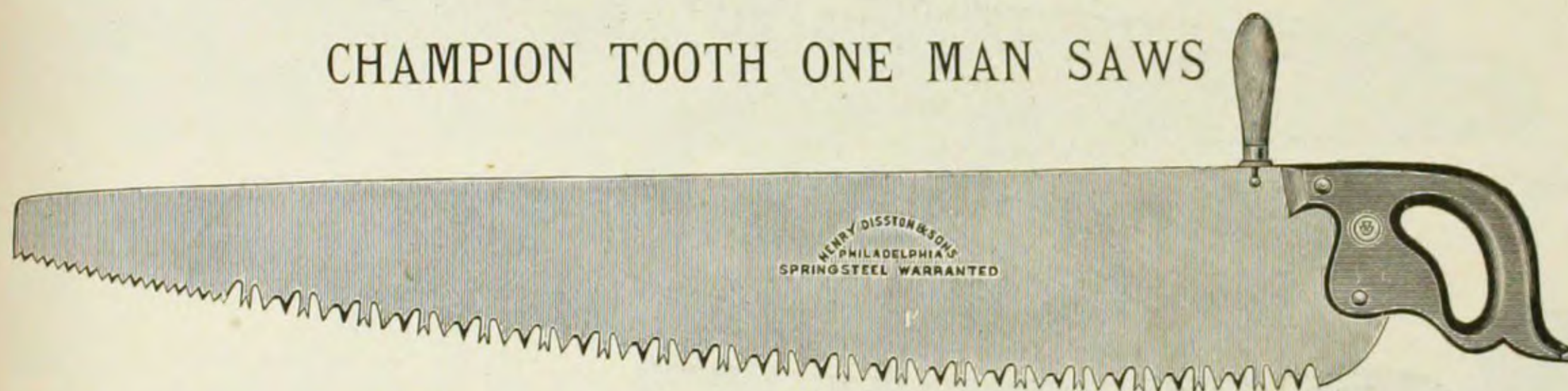
GREAT AMERICAN ONE MAN SAWS

WITH SUPPLEMENTARY HANDLE
PATENTED



Length, feet,	3	3 1/2	4	4 1/2	5	5 1/2	6
Each,	\$2.55	2.75	3.25	3.65	4.10	4.55	5.00

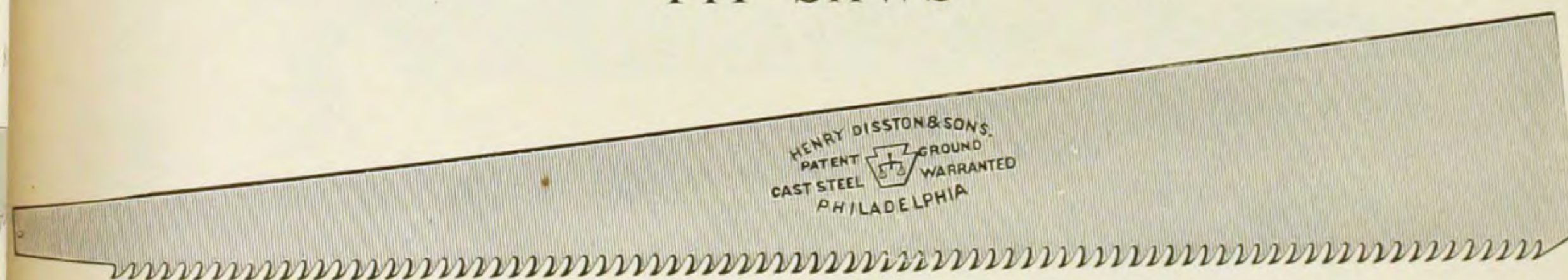
CHAMPION TOOTH ONE MAN SAWS



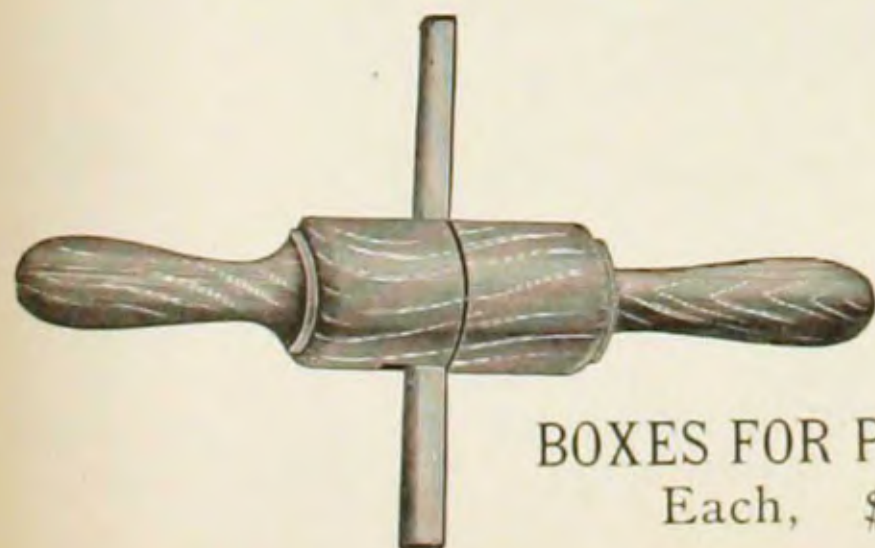
Length, feet,	3	3 1/2	4	4 1/2	5	5 1/2	6
Each,	\$2.25	2.60	3.00	3.35	3.70	4.10	4.45

Plain, Tuttle, and Tenon tooth, same price as Champion.

PIT SAWS



Length, feet,	5	5 1/2	6	6 1/2	7	8
Each,	\$5.00	5.50	6.00	6.50	7.00	8.00



BOXES FOR PIT SAWS
Each, \$1.00

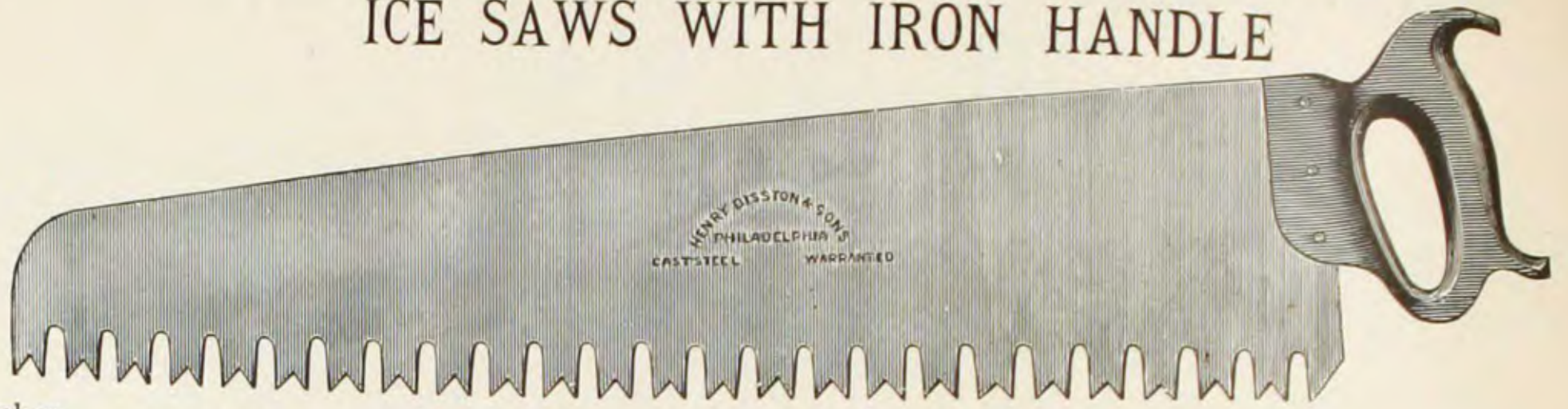


TILLERS FOR PIT SAWS
Each, \$1.25



HENRY DISSTON & SONS' SAWS

ICE SAWS WITH IRON HANDLE



Length, inches,
Per dozen,

24
\$22.00

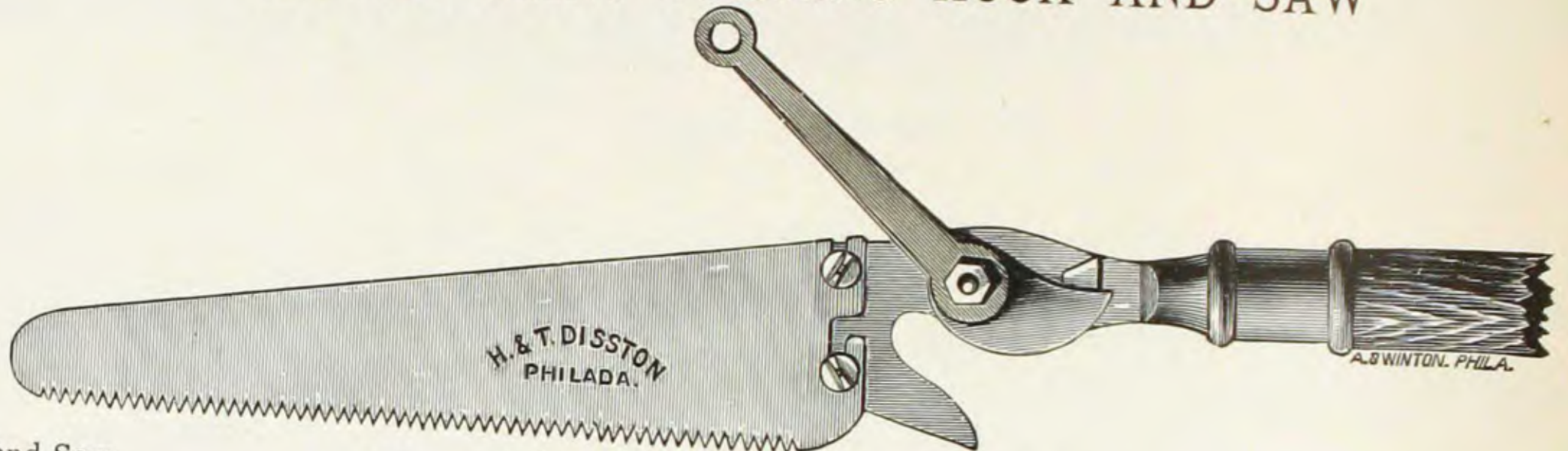
26
23.00

28
24.00

Ice Saws with Beech Handles, same price as above.
One-third dozen in a box.

30
25.00

LITTLE GIANT PRUNING HOOK AND SAW



Hook and Saw,

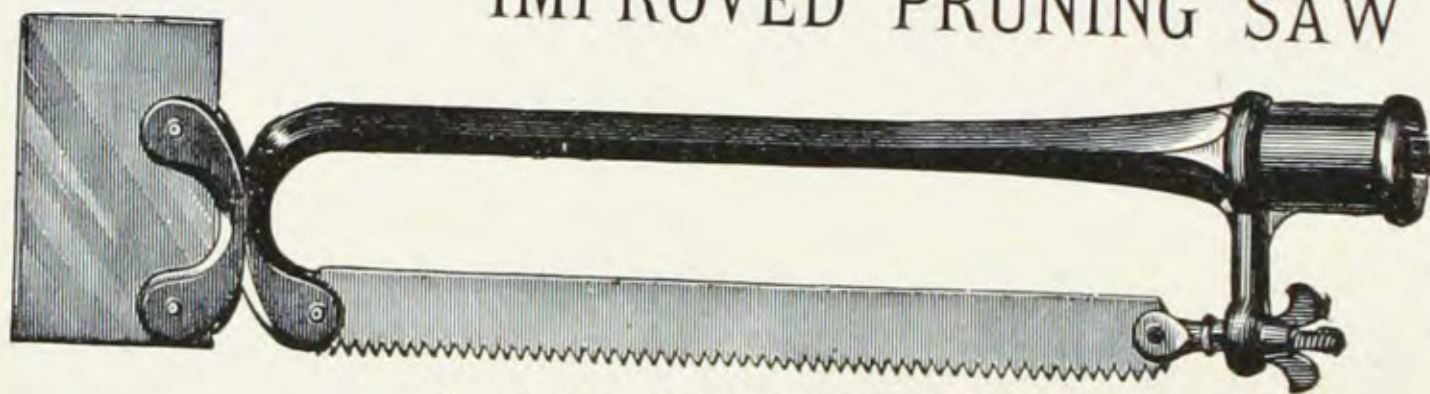
per dozen, \$18.00

One-sixth dozen in a box.

Hook Only,

per dozen, \$12.00

IMPROVED PRUNING SAW AND KNIFE



This Saw is designed to be attached to a pole, and thus the upper branches of trees can be readily pruned without the aid of a ladder. The peculiar formation of the tooth enables the Saw to cut both ways.

Japanned Frame,
Tinned

per dozen, \$11.00
" " 13.50

Quarter dozen in a box.

CAST STEEL TABLE AND PRUNING SAWS



No. 7 DISSTON & SONS' Cast Steel, Warranted, Apple Handle, Polished Edge, 3 Rivets, Grained Blade.

Length, inches,	12	14	16	18	20	22	24	26
Per dozen,	\$8.00	8.50	9.00	10.00	11.00	12.00	13.00	14.00

No. 3 BROWN, Beech Handle, Polished Edge, 3 Rivets, Grained Blade, and Etched.

Length, inches,	12	14	16	18	20	22	24	26
Per dozen,	\$5.50	6.00	6.75	7.50	8.25	9.00	9.75	10.50

One-third dozen in a box.

DUPLEX PRUNING SAWS

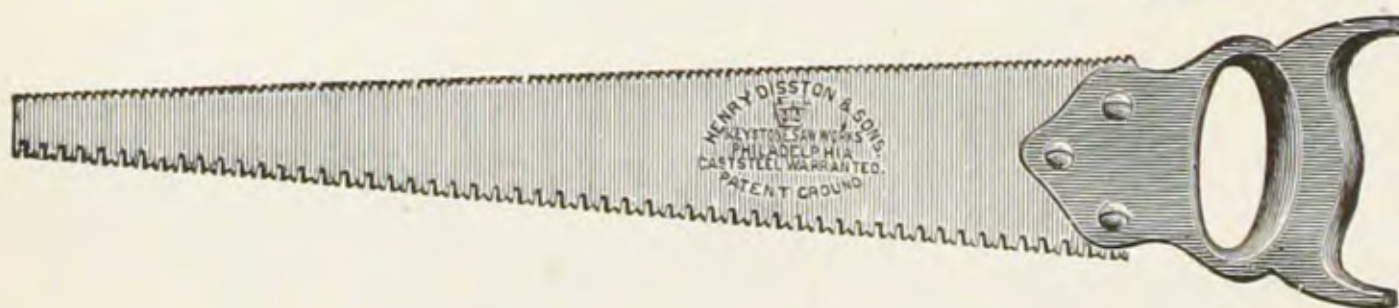
No. 4 DISSTON & SONS.

Length, in.,	12	14	16	18	20	22
Per doz.,	\$8.50	9.00	9.50	10.50	11.50	12.50

No. 40 AVERY SAW CO.

Length, in.,	12	14	16	18	20	22
Per doz.,	\$6.00	6.50	7.00	7.75	8.50	9.50

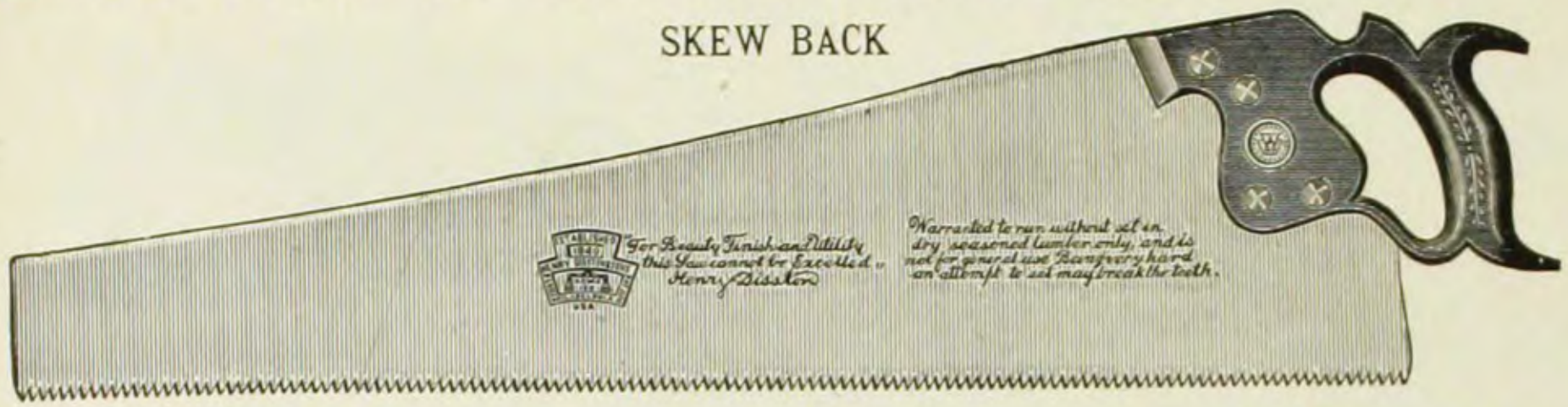
One-third dozen in a box.



HENRY DISSTON & SONS' HAND, PANEL, AND RIP SAWS

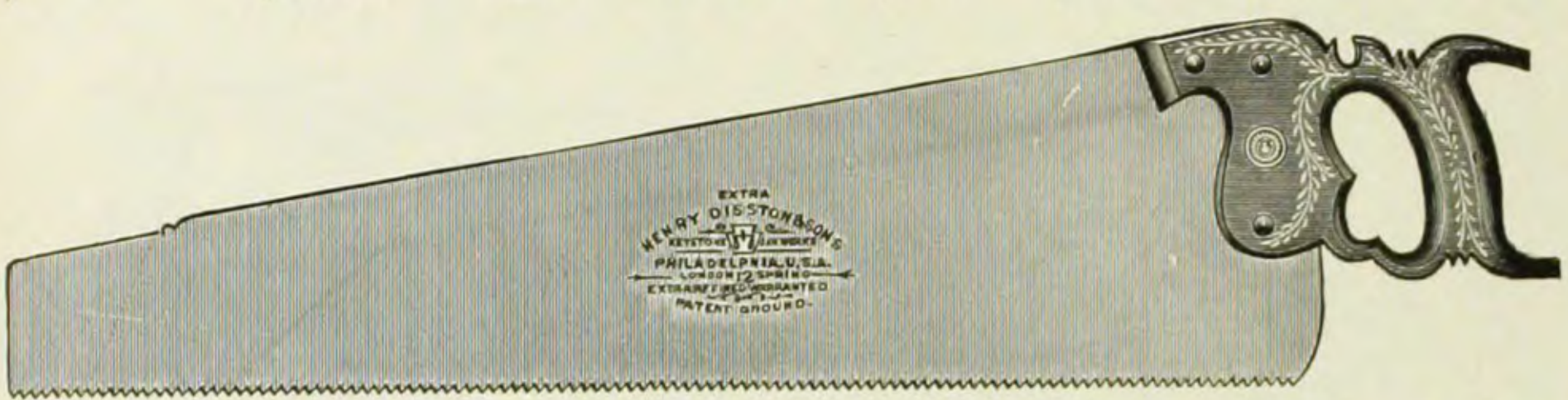
WARRANTED SPRING AND CAST STEEL, PATENT GROUND AND TEMPERED

SKEW BACK



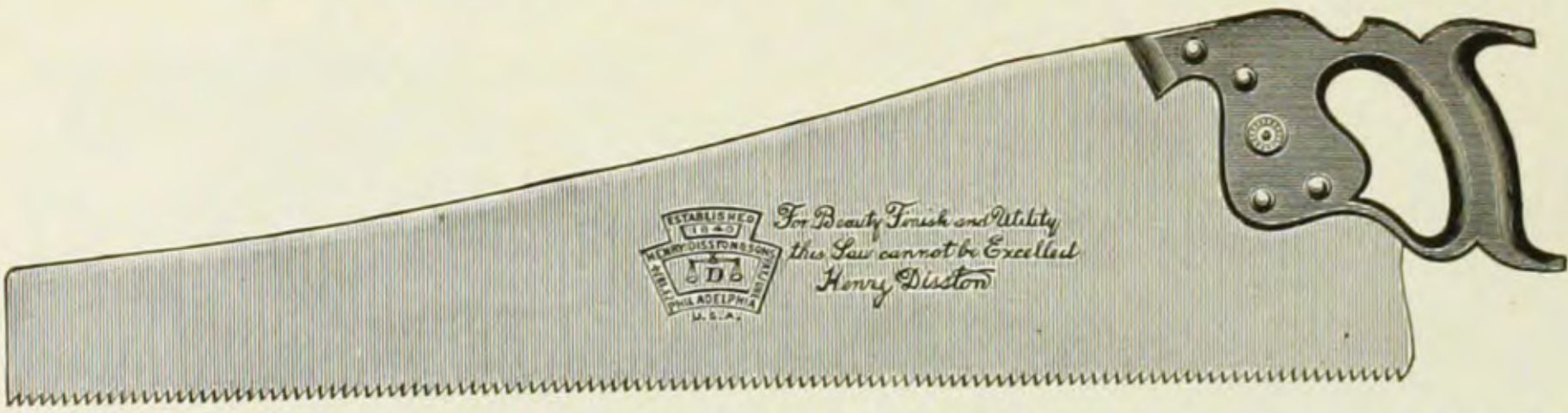
No. 120 ACME, Carved and Polished Apple Handle, 5 Improved Screws, Extra London Spring Steel, Warranted. Runs entirely without set. Designed only for first-class workmen.

Length, inches,	16	18	20	22	24	26	28	30
Per dozen,	\$22.00	24.00	26.00	29.00	31.00	32.00	36.00	40.00



No. 12 Carved and Polished Handle, 4 Improved Brass Screws, Extra Refined London Spring Steel, Selected and Highly Polished Blade.

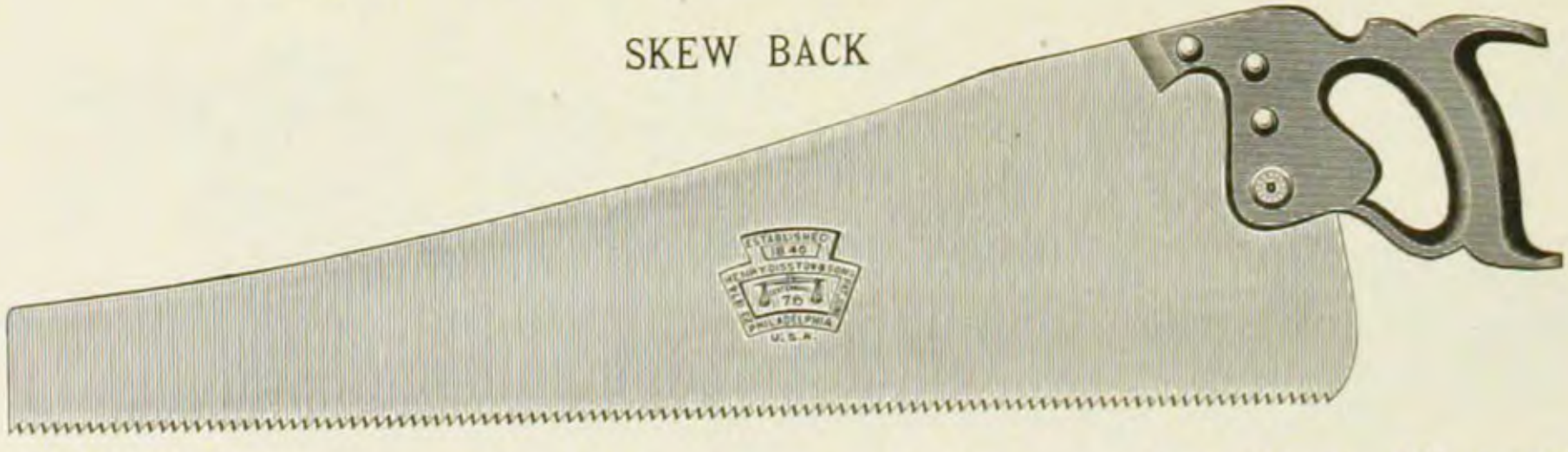
Length, inches,	16	18	20	22	24	26	28	30
Per dozen,	\$18.00	20.00	22.00	24.00	26.00	28.00	32.00	37.00



No. D Skew Back, Spring Steel, Warranted, Apple Handle, Polished Edge, 5 Improved Screws.

Length, inches,	16	18	20	22	24	26	28	30
Per dozen,	\$14.50	16.00	17.50	19.50	21.00	22.00	25.00	28.00

SKEW BACK



No. 76 Polished Apple Handle, 4 Improved Screws, Cast Steel, Warranted.

Length, inches,	26	28	30
Per dozen,	\$20.00	23.50	27.00

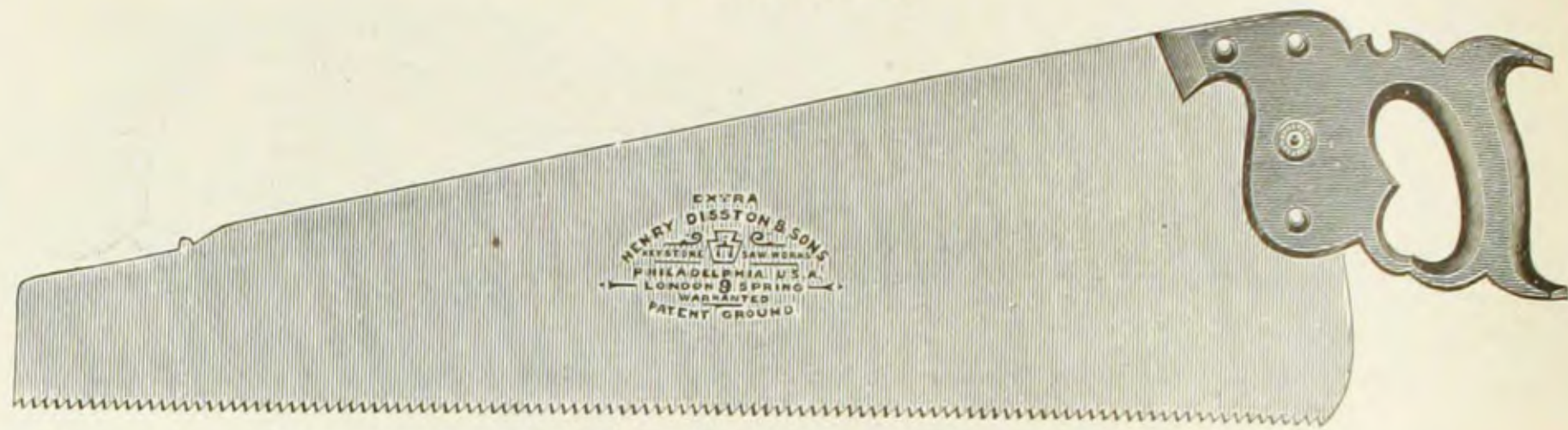
All above, one-third dozen in a box.

Hand Saws, assorted, in a box, 6 to 8, 7 to 9, 8 to 10, 9 to 11, 10 to 12, and Separate Points.
Rip " " " " 4 to 5, 4 1/2 to 5 1/2, 5 to 6, and Separate Points.



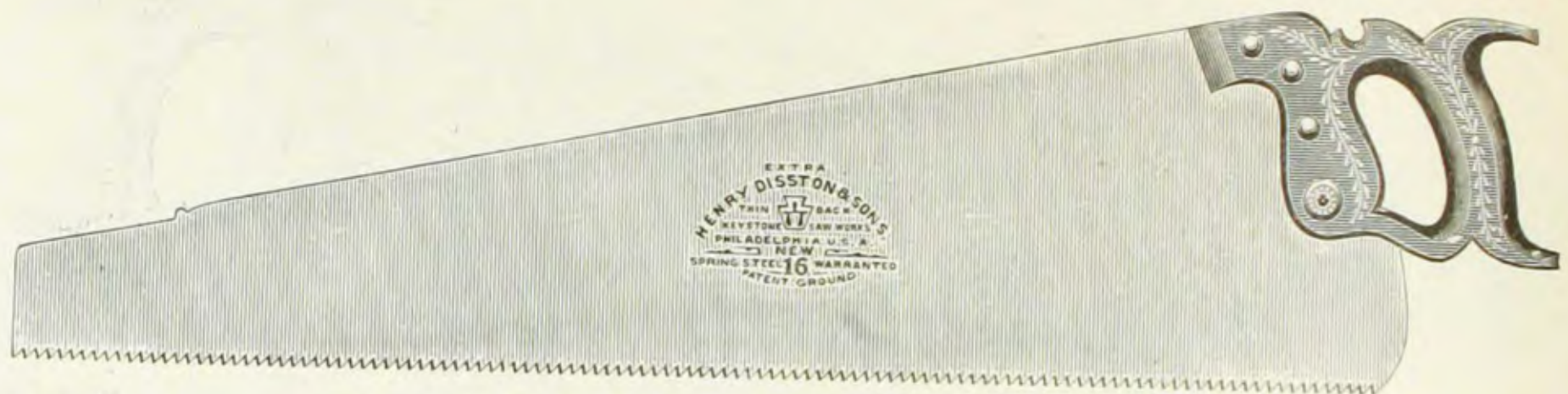
DISSTON'S HAND, PANEL, AND RIP SAWS

CONTINUED



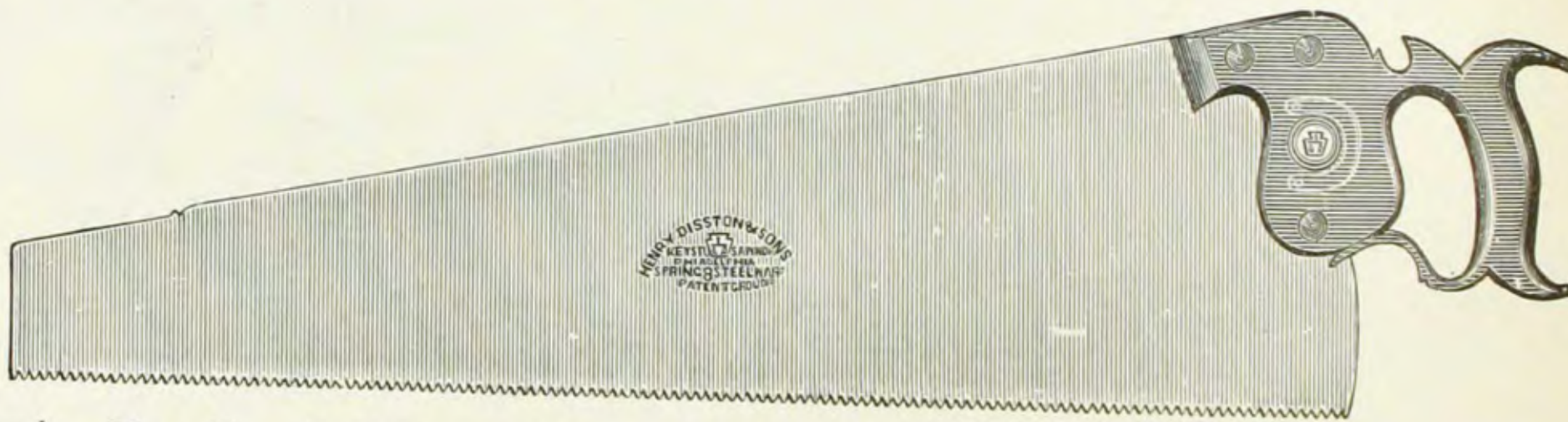
No. 9 Apple Handle, Polished Edges, 4 Improved Screws, Grained Blade, Extra London Spring Steel, Warranted.

Length, inches,	16	18	20	22	24	26	28	30
Per dozen,	\$15.00	16.00	18.00	20.00	22.00	23.00	27.00	30.00



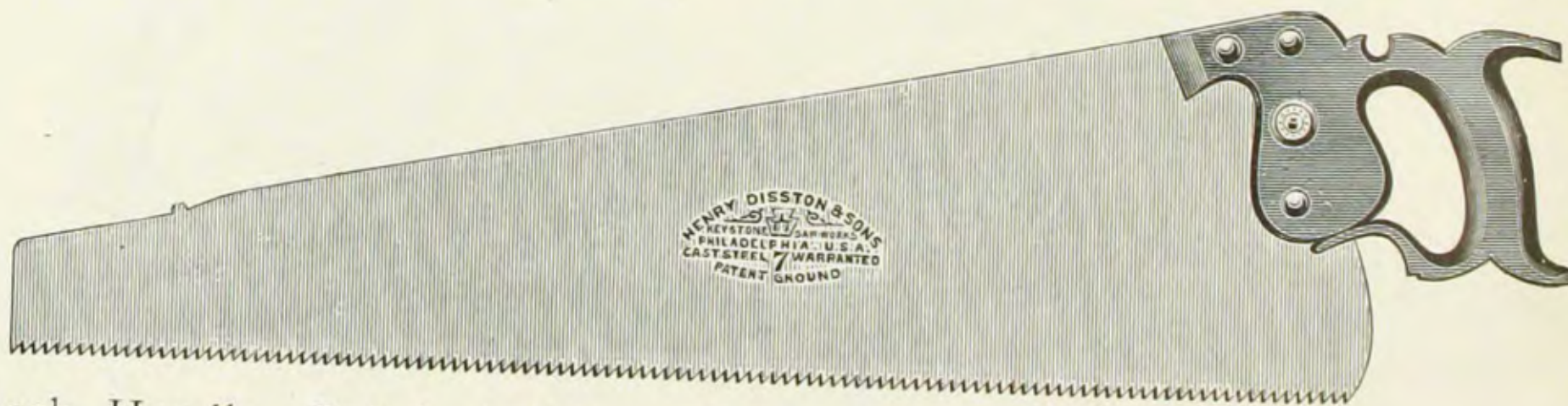
No. 16 Carved Apple Handle, Polished, 4 Improved Screws, Grained Blade, Spring Steel, Warranted.

Length, inches,	26	28	30
Per dozen,	\$22.00	25.00	28.00



No. 8 Apple Handle, Polished Edge, 4 Improved Screws, Grained Blade, Spring Steel, Warranted.

Length, inches,	16	18	20	22	24	26	28	30
Per dozen,	\$13.50	14.50	16.50	18.50	20.00	21.00	24.00	28.00



No. 7 Beech Handle, Polished Edge, 4 Improved Screws, Grained Blade, Cast Steel, Warranted.

Length, inches,	14	16	18	20	22	24	26	28	30
Per dozen,	\$12.00	13.00	14.00	16.00	18.00	19.00	20.00	23.50	27.00

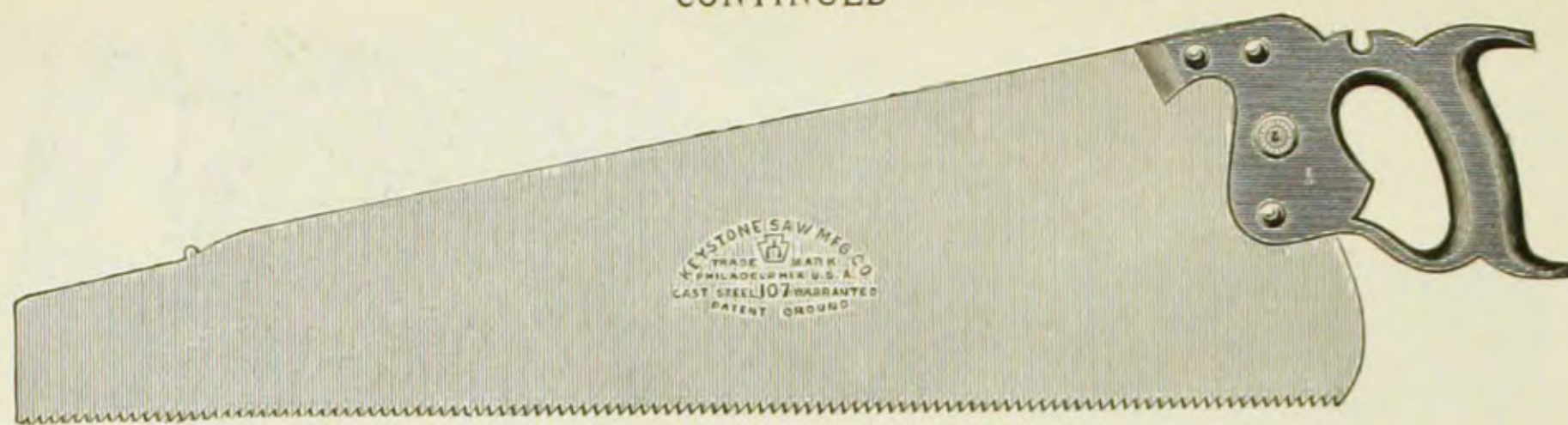
All above one-third dozen in a box.

Hand Saws, assorted, in a box, 6 to 8, 7 to 9, 8 to 10, 9 to 11, 10 to 12, and Separate Points.
Rip Saws, assorted, in a box 4 to 5, 4½ to 5½, 5 to 6, and Separate Points.



WARRANTED HAND, PANEL, AND RIP SAWS

CONTINUED



No. 107 KEYSTONE SAW MANUFACTURING CO., Cast Steel, Warranted, Beech Handle, Polished Edge, 4 Rivets, Grained Blade.

Length, inches,	14	16	18	20	22	24	26	28	30
Per dozen,	\$10.00	11.00	12.25	13.50	15.00	16.00	17.00	20.00	23.00

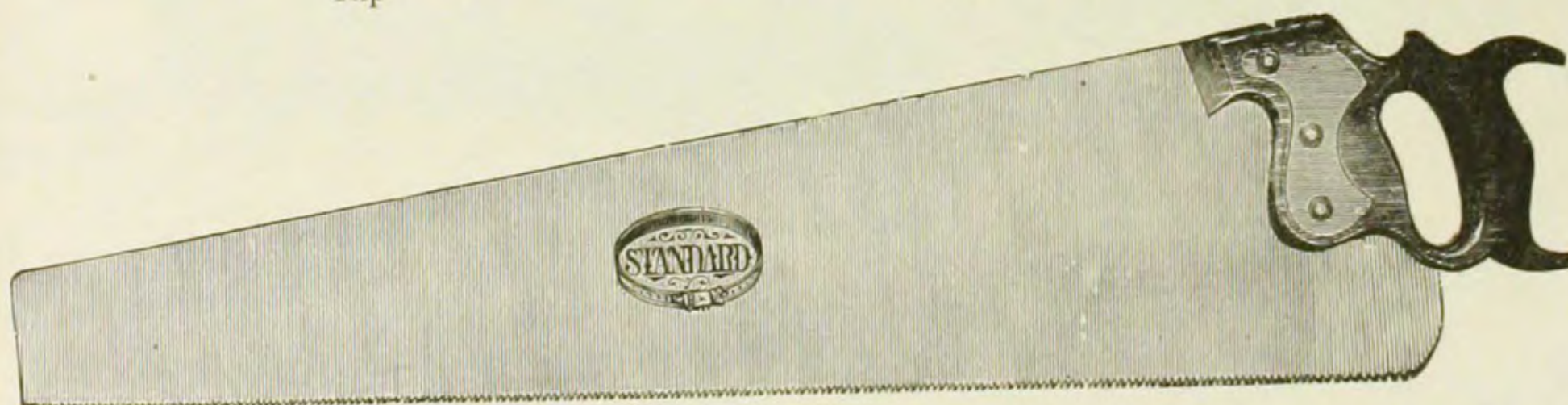


No. 3 BROWN, Beech Handle, Polished Edge, 4 Rivets, Grained Blade, Etched.

Length, inches,	14	16	18	20	22	24	26	28	30
Per dozen,	\$7.00	8.00	9.00	10.00	11.00	12.00	13.00	16.00	19.00

All above, one-third dozen in a box.

Hand Saws assorted, in a box, as noted on previous pages.
Rip " " " " " " " " " "



No. 304 STANDARD, Black Walnut Handle, Steel Plate, 3 Rivets, Cast Steel.

Length, inches,
Per dozen,

26
\$9.00

Half dozen in a box.



ENTERPRISE, Beech Handle, Polished Edge, Combination Saw with 24 inch Etched Rule.

Length, inches,
Per dozen,

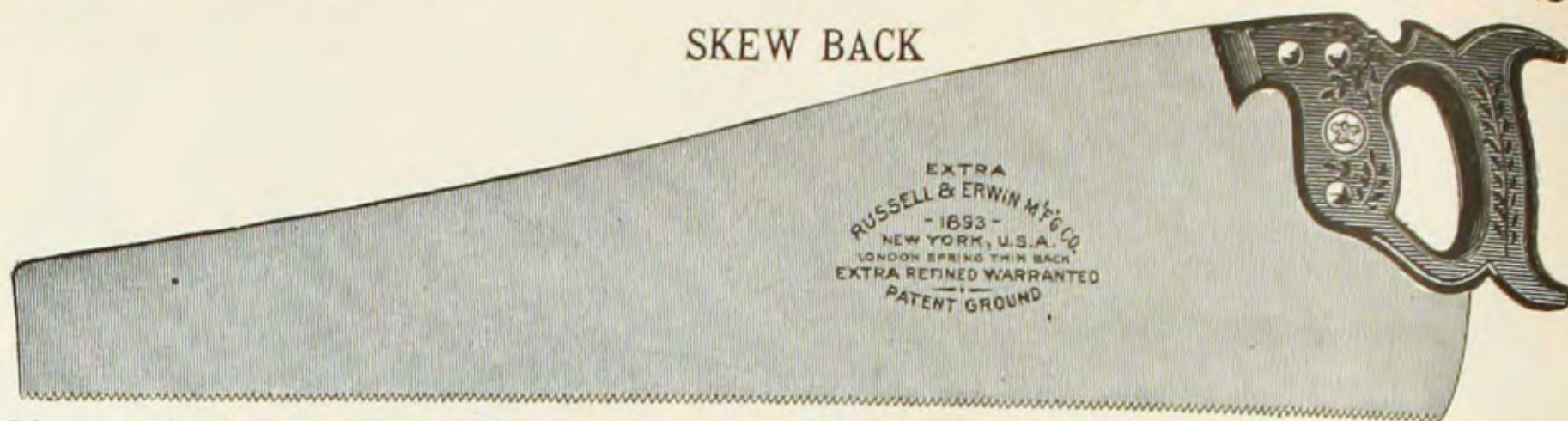
26
\$8.00

Half dozen in a box.



77°
R. & E. MFG. CO.'S HAND, PANEL, AND RIP SAWS

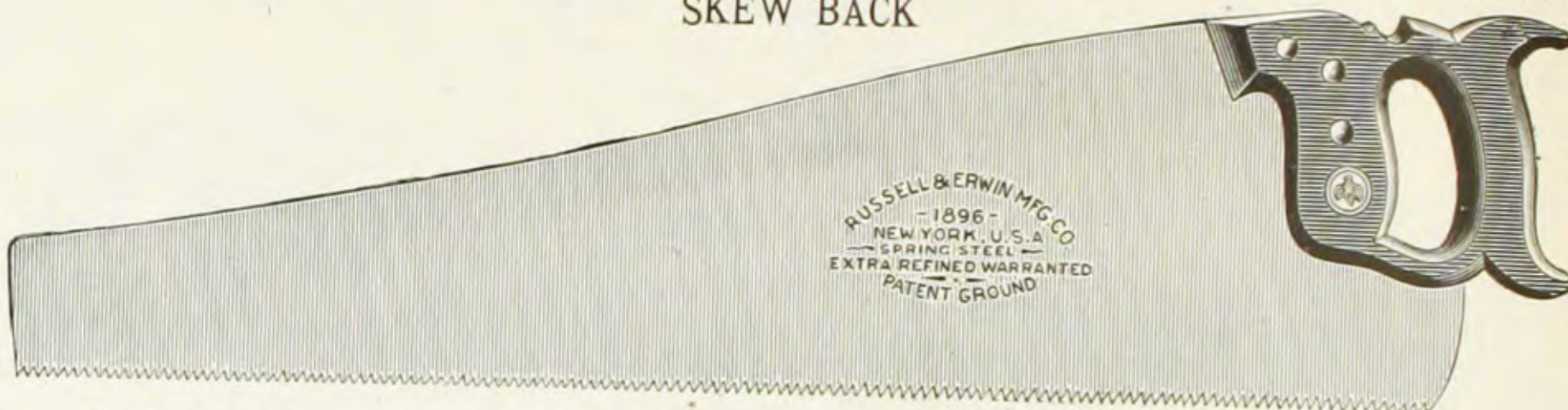
SKEW BACK



No. 1893 Skew Back, London Spring Steel, Apple Handle, Carved and Polished, 4 Brass Screws, Nickel-Plated Re-inforce Plate. Warranted.

Length, inches,	16	18	20	22	24	26	28
Per dozen.	\$14.50	15.50	16.50	18.50	20.00	21.00	24.00

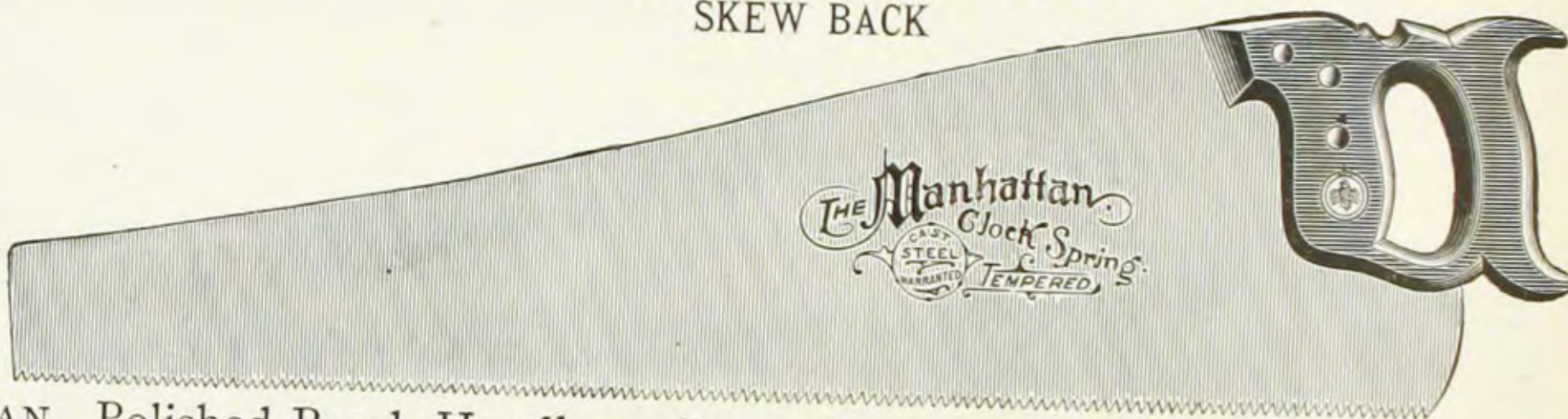
SKEW BACK



No. 1896 Polished Beech Handle, 4 Brass Screws, Spring Steel, Warranted.

Length, inches,	26	28
Per dozen,	\$14.25	16.50

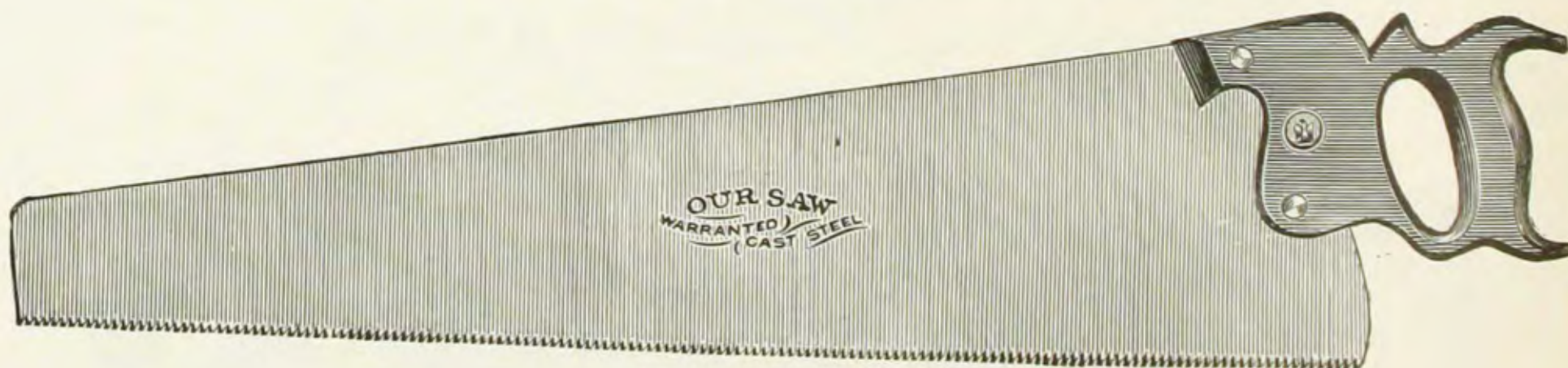
SKEW BACK



MANHATTAN, Polished Beech Handle, 4 Brass Screws, Blued Clock Spring Tempered Steel Blades, Warranted.

Length, inches,	26
Per dozen,	\$16.50

All above, one-third dozen in a box.
Hand Saws, assorted, in a box as noted on previous pages.
Rip " " " " " " " " " " " "



W. G. SMYTHE
BEECH HANDLE, POLISHED EDGE

Length, inches,	26	28	30
Per dozen,	\$7.00	8.50	10.00

Half dozen in a box.

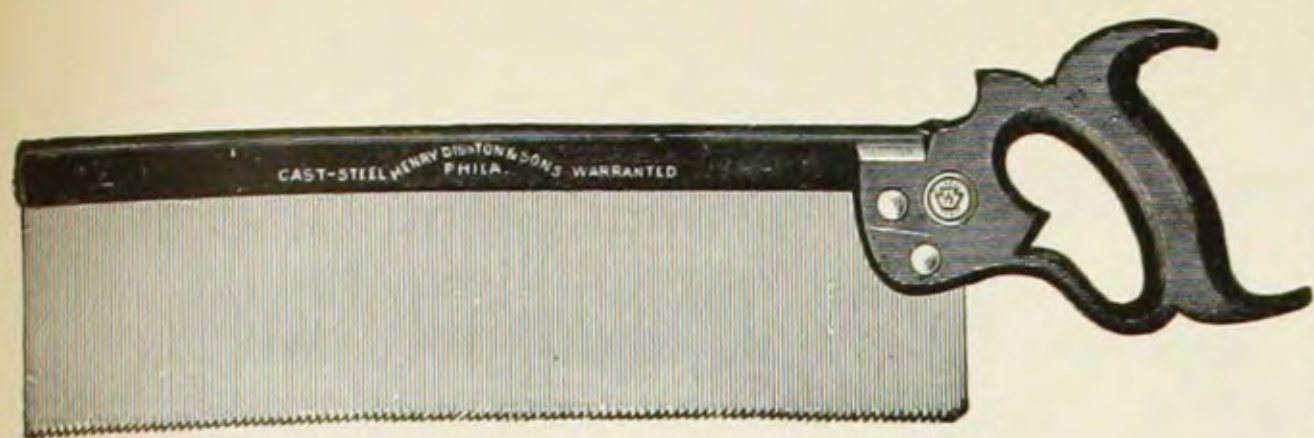
JONES'

BEECH HANDLE, POLISHED EDGE

Length, inches,	12	14	16	18	20	22	24	26	28	30
Per dozen,	\$3.50	3.85	4.25	4.75	5.25	5.55	5.85	6.00	7.50	9.00

Half dozen in a box.

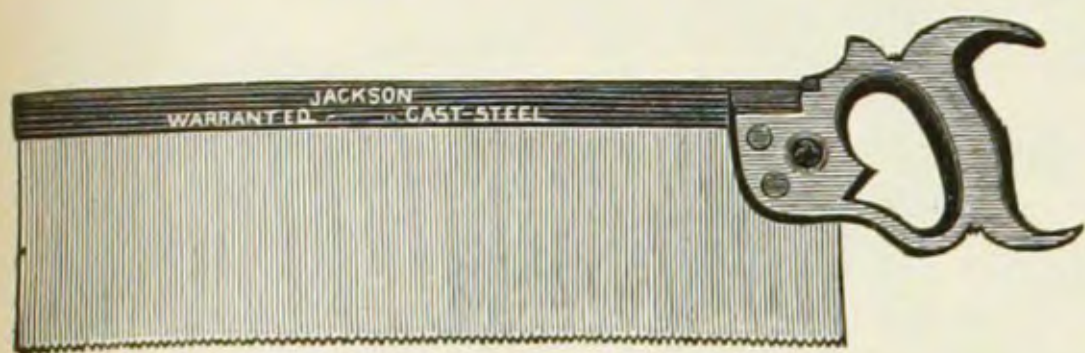




DISSTON & SONS' CAST STEEL BACK SAWS

No. 4 DISSTON & SONS' Apple Handle, Polished Edge, Blued Back.

Length, in.,	8	10	12	14	16	18
Per doz.,	\$13.00	14.00	16.00	18.00	20.00	22.00



IMPROVED QUALITY CAST STEEL BACK SAWS

No. 1 JACKSON'S Beech Handle, Polished Edge, Blued Back.

Length, inches,	8	10	12	14	16	18
Per dozen,	\$9.00	10.00	12.00	14.00	16.00	18.00

All above, one-third dozen in a box.



DISSTON & SONS' CAST STEEL COMPASS SAWS

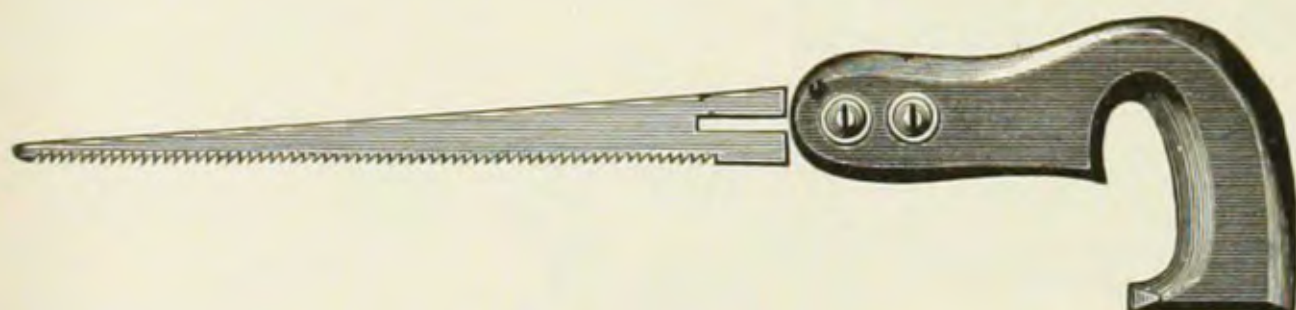
No. 2 Apple Handle.

Length, inches,	10	12	14	16	18
Per dozen,	\$4.25	4.50	4.75	5.00	5.25

SPECIAL BRANDS

Length, inches,	10	12	14
Manhattan, Blued Blade, doz.,	\$3.00	3.00	3.00
R. & E. Mfg. Co.,	"	2.50	2.50
Jones,	"	2.00	2.00

Half dozen in a box.



INTERCHANGEABLE COMPASS SAWS

Length, in.,	10	12	14	16	18	20
Per doz.,	\$4.50	5.00	5.50	6.00	6.50	7.00

Quarter dozen in a box.



NEST OF SAWS

Combining one each, Keyhole, Compass, and Table or Pruning Saw.

Handles and Screws,	per doz.,	\$1.75
Keyhole Blades, 12 in. long,	"	1.75
Compass " 15 " " " "	"	2.75
Pruning " 18 " " " " "	"	4.75

Quarter dozen in a box. \$11.00

KEYHOLE SAW AND PAD

Keyhole Saw, with Pad, per dozen, \$2.00

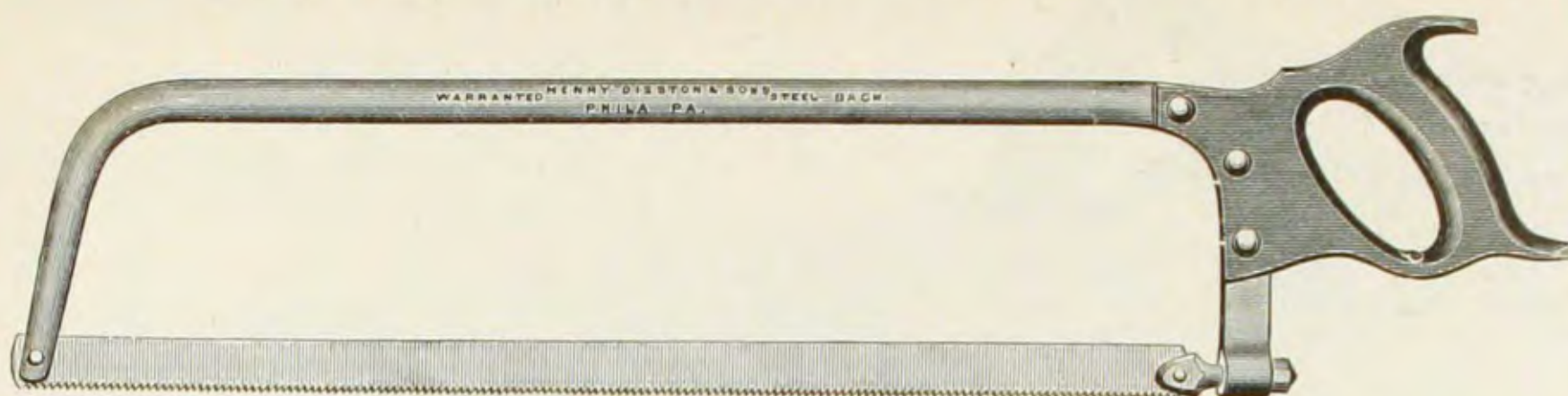
This is a cheap and convenient combination of a Keyhole Saw, Saw Pad, and Screw-driver.

One dozen in a box.

Cast Steel Keyhole Saws, Set and Sharpened,	Per dozen,	\$2.00
" " Reversible Keyhole Saws,	"	2.00
" " Blind-makers' Saws,	"	1.75



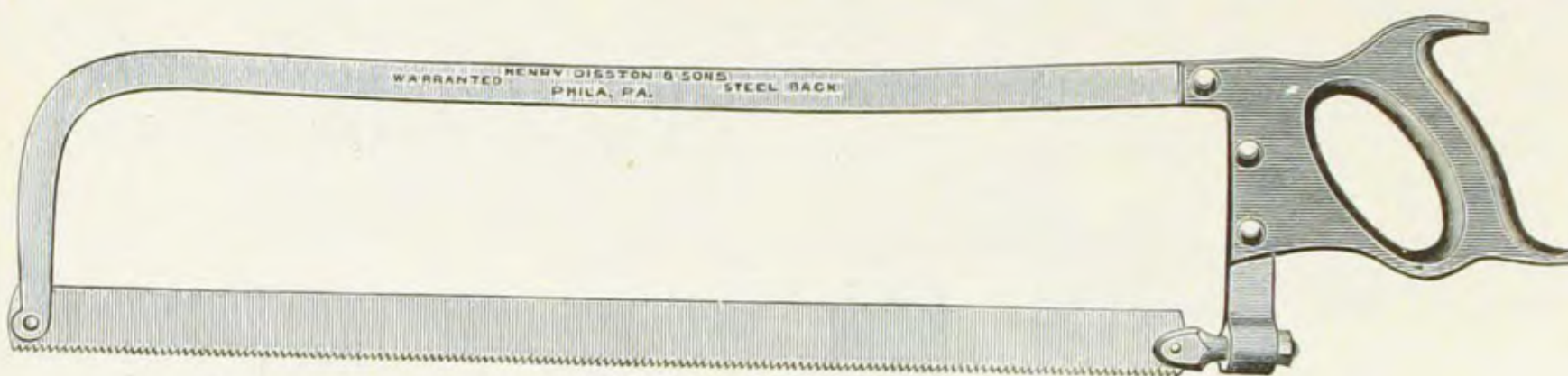
HENRY DISSTON & SONS' BUTCHERS' SAWS



NO. 1. OVAL BACK			
Lgth., in.,	12	14	16
Per doz.,	\$15.00	16.00	16.75
Length, inches,	18	20	
Per doz.,	\$17.50	18.50	
Length, inches,	22	24	
Per doz.,	\$19.50	21.00	



NO. 2. FLAT BACK			
Lgth., in.,	12	14	16
Per doz.,	\$12.00	12.50	13.00
Length, inches,	18	20	
Per doz.,	\$13.75	14.50	
Length, inches,	22	24	
Per doz.,	\$15.25	16.00	

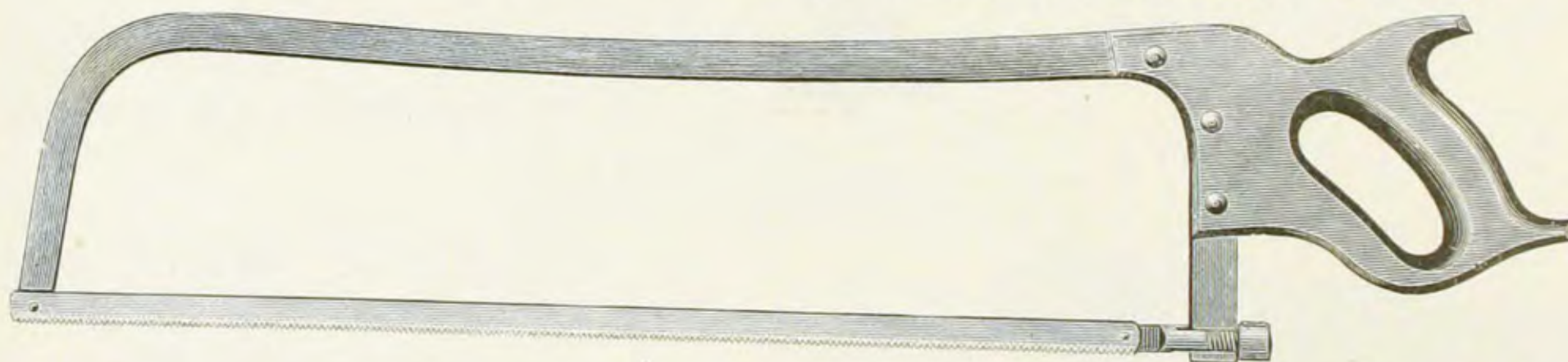


NO. 4. FLAT BACK			
Lgth., in.,	16	18	20
Per doz.,	\$19.00	20.00	21.00
Length, inches,	22	24	
Per doz.,	\$22.00	23.00	



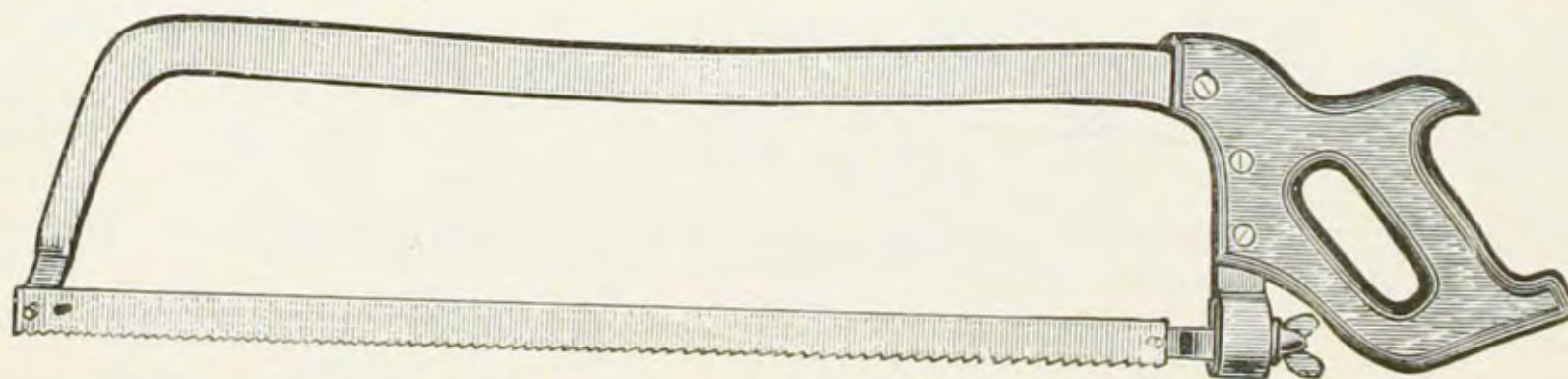
NO. 5. CALIFORNIA FLAT STEEL BACK. CLOCK SPRING BLUED BLADE			
Lgth., in.,	18	20	22
Per doz.,	\$22.00	23.00	24.00
Length, inches,	24	26	
Per doz.,	\$25.00	26.00	

R. & E. MFG. CO.'S BUTCHER SAWS



FLAT BACK			
Lgth., in.,	16	18	
Per doz.,	\$11.25	11.75	
Lgth., in.,	20	22	
Per doz.,	\$12.25	12.75	
Length, inches,	24		
Per doz.,	\$13.25		

All above, one-third
dozen in a box.



STAR BUTCHER SAWS

FLAT CRUCIBLE STEEL BACK

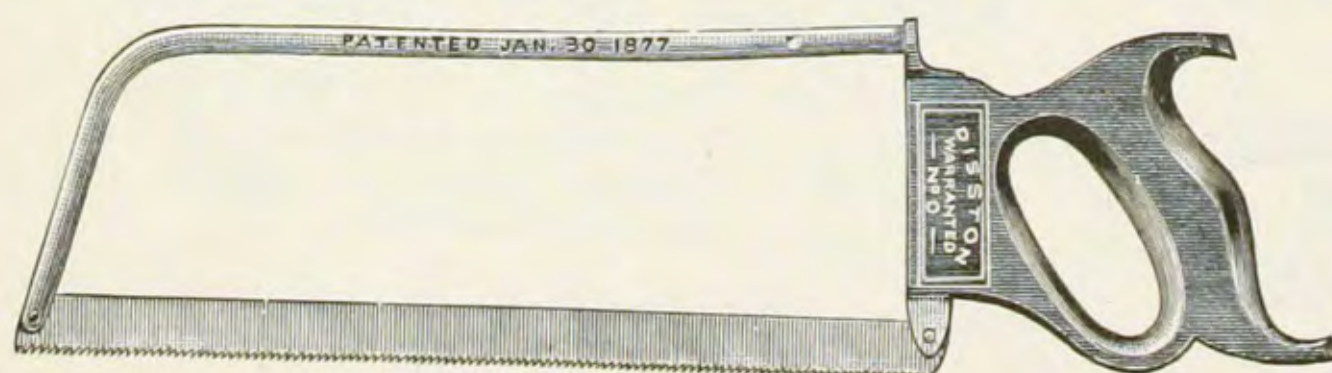
Tempered and Polished.

Beech Handles. Polished Edges.

3 Nickel-plated Screws.

Length, inches,	14	16	18	20
Per doz.,	\$11.00	12.00	13.00	14.00
Length, inches,	22	24	26	
Per doz.,	\$15.00	16.00	17.00	

Half dozen in a box.



KITCHEN SAWS

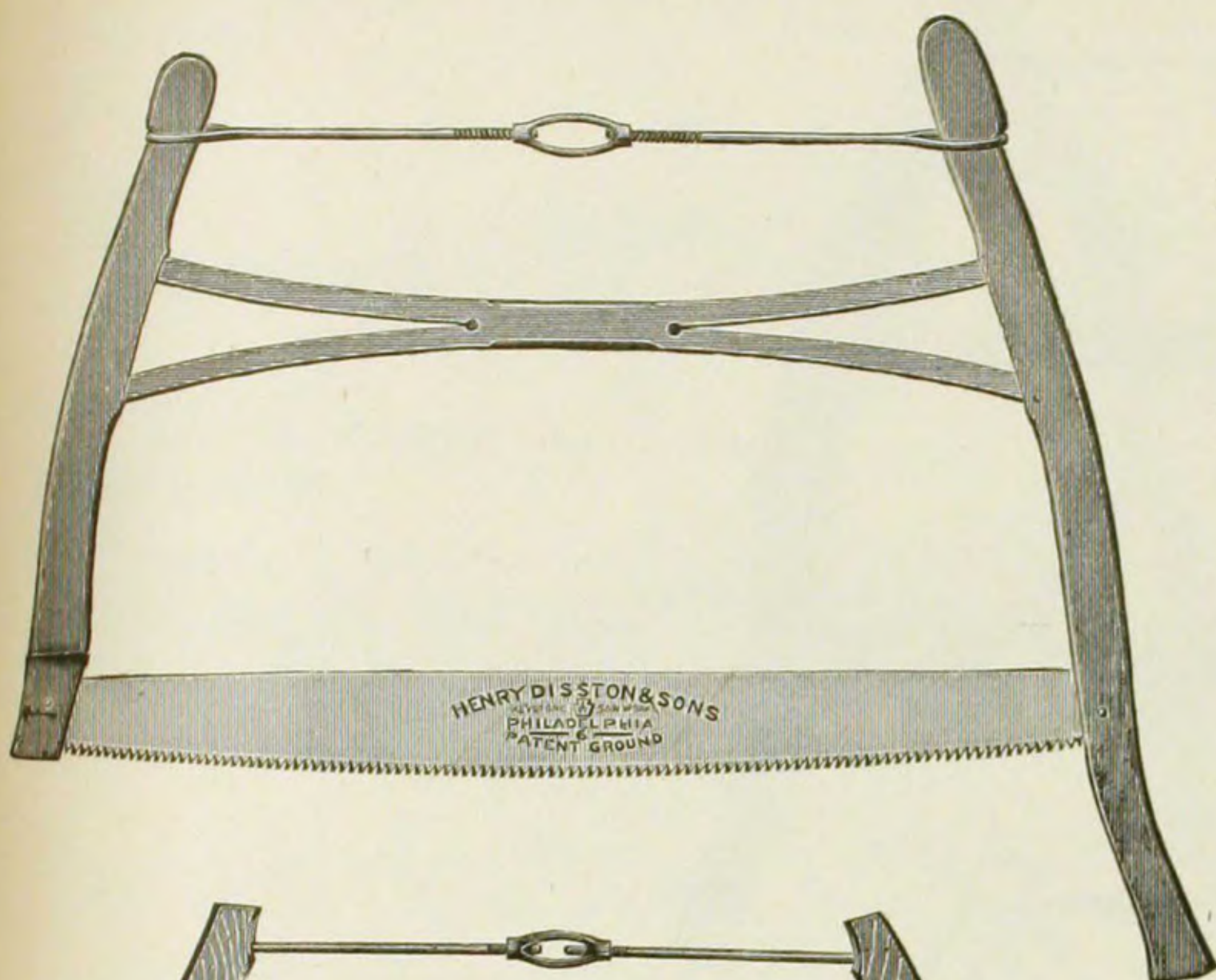
Length, inches,	12	14	16
No. 0	per dozen, \$5.35	5.35	5.65
R. & E. Mfg. Co.,	" " 5.00	5.00	5.25

Half dozen in a box.



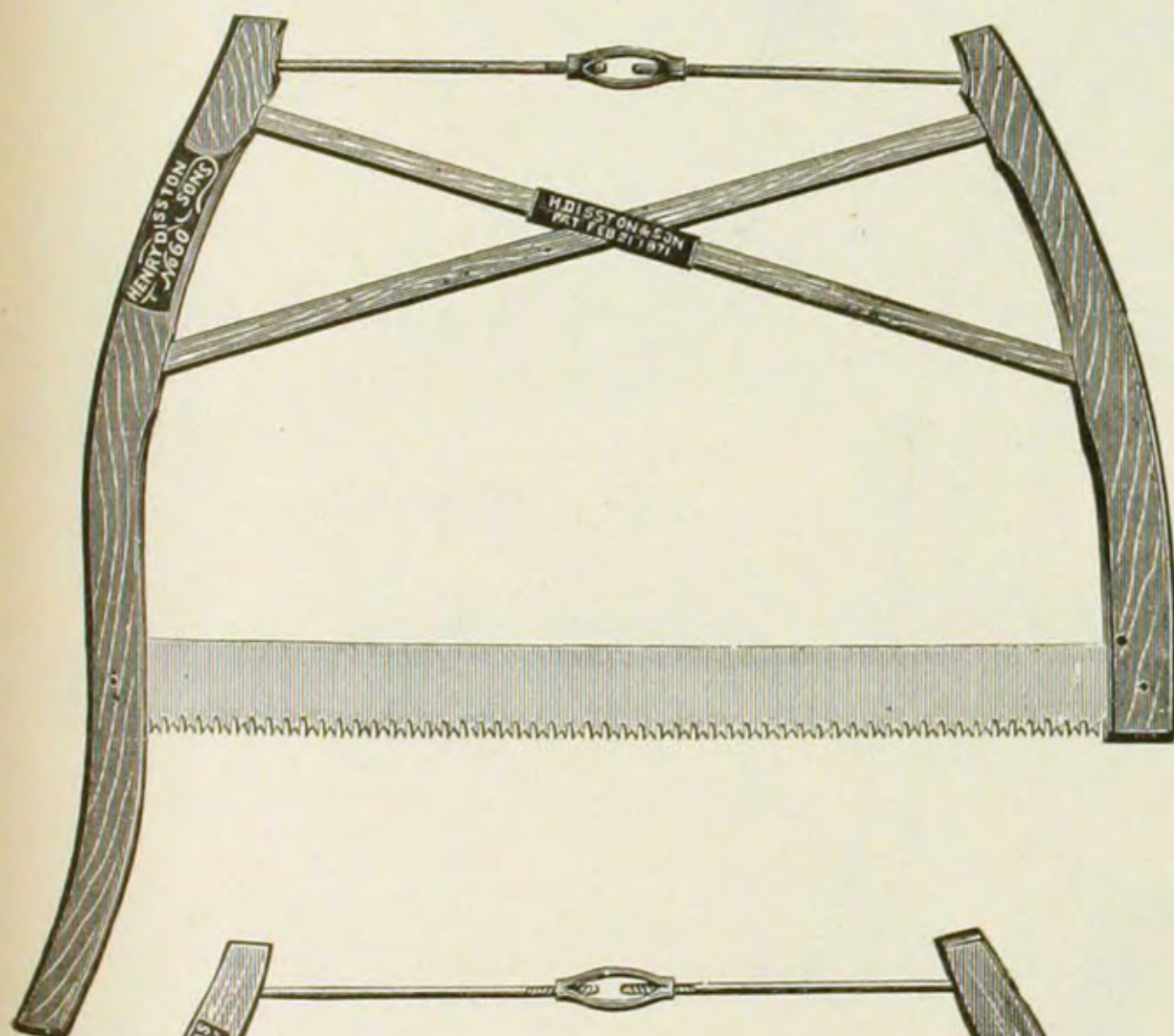
FRAMED WOOD SAWS

773



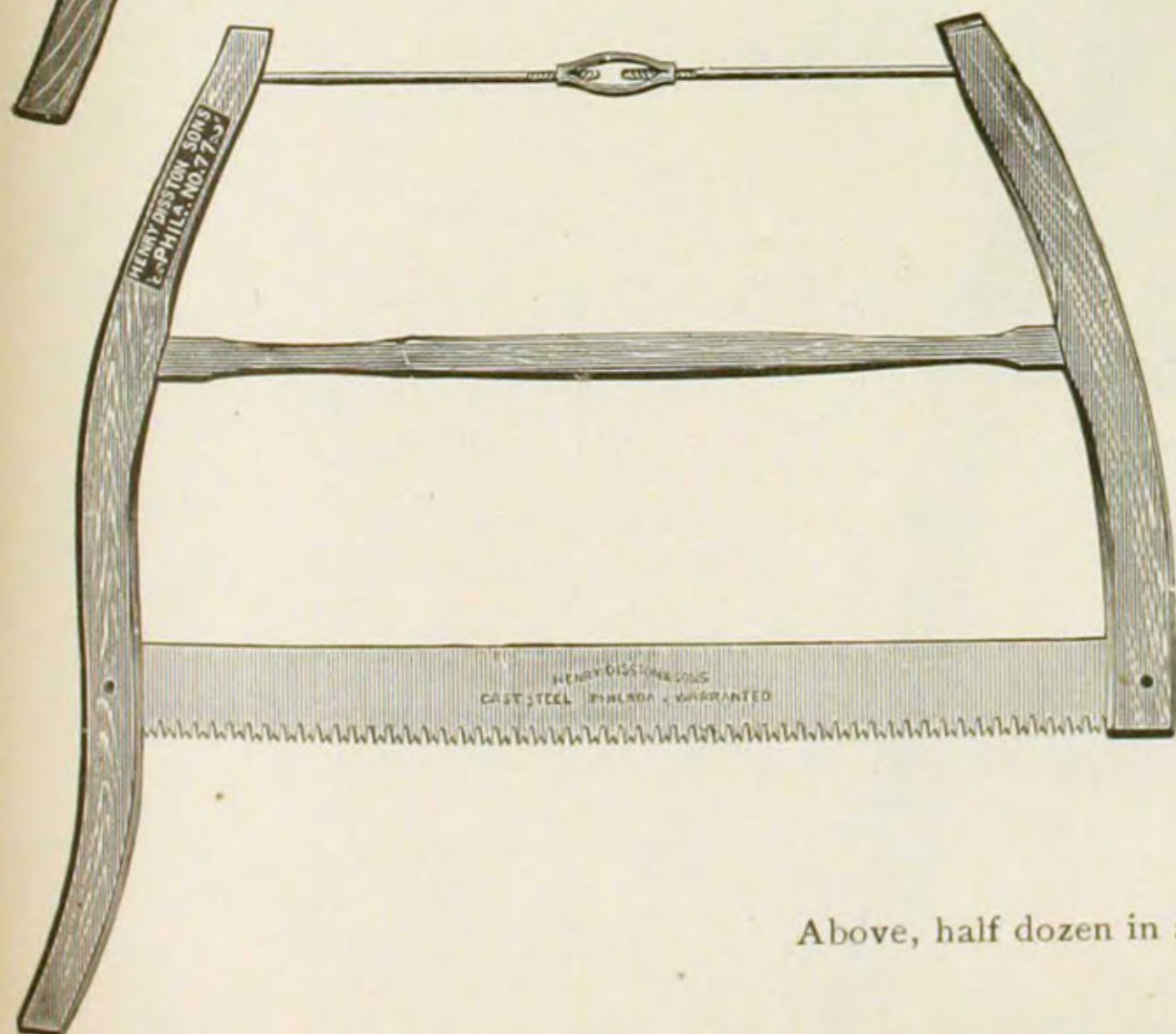
No. 40 ECLECTIC, Frame
Painted Red, complete with
special No. 6 Blade,
per dozen, \$12.50

No. 45 PERFECTION, Frame
Stained, complete with
extra thin back, Round
Breast, Clock Spring, Blue
Blade, per dozen, \$13.00
Half dozen in a box.



No. 60 DISSTON & SONS' Climax,
with No. 77 Blade, per dozen, \$11.50

No. 66 DISSTON & SONS' Climax,
with No. 6 Blade, per dozen, \$11.50

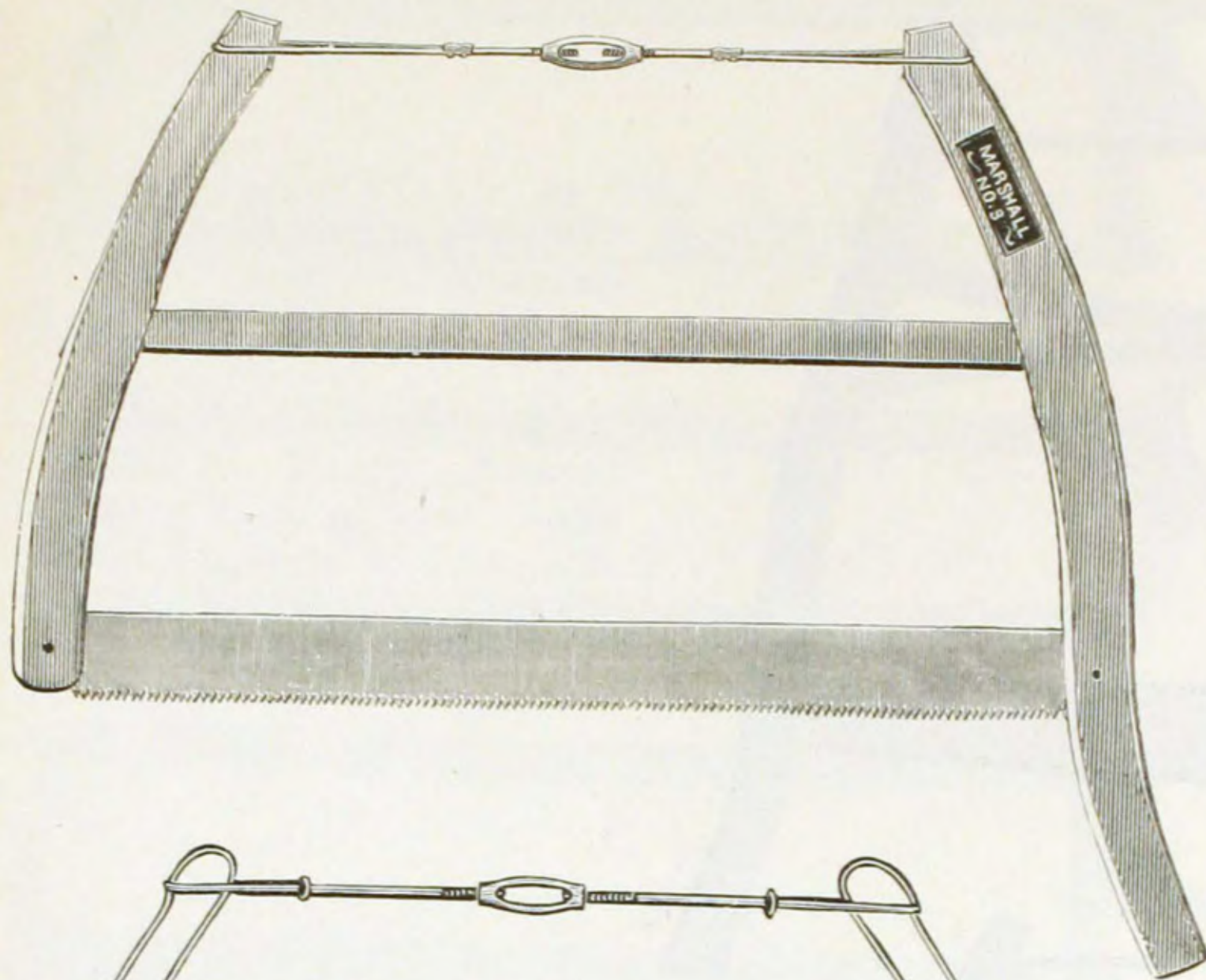


No. 77 DISSTON & SONS', with
No. 77 Blade, per dozen, \$11.25

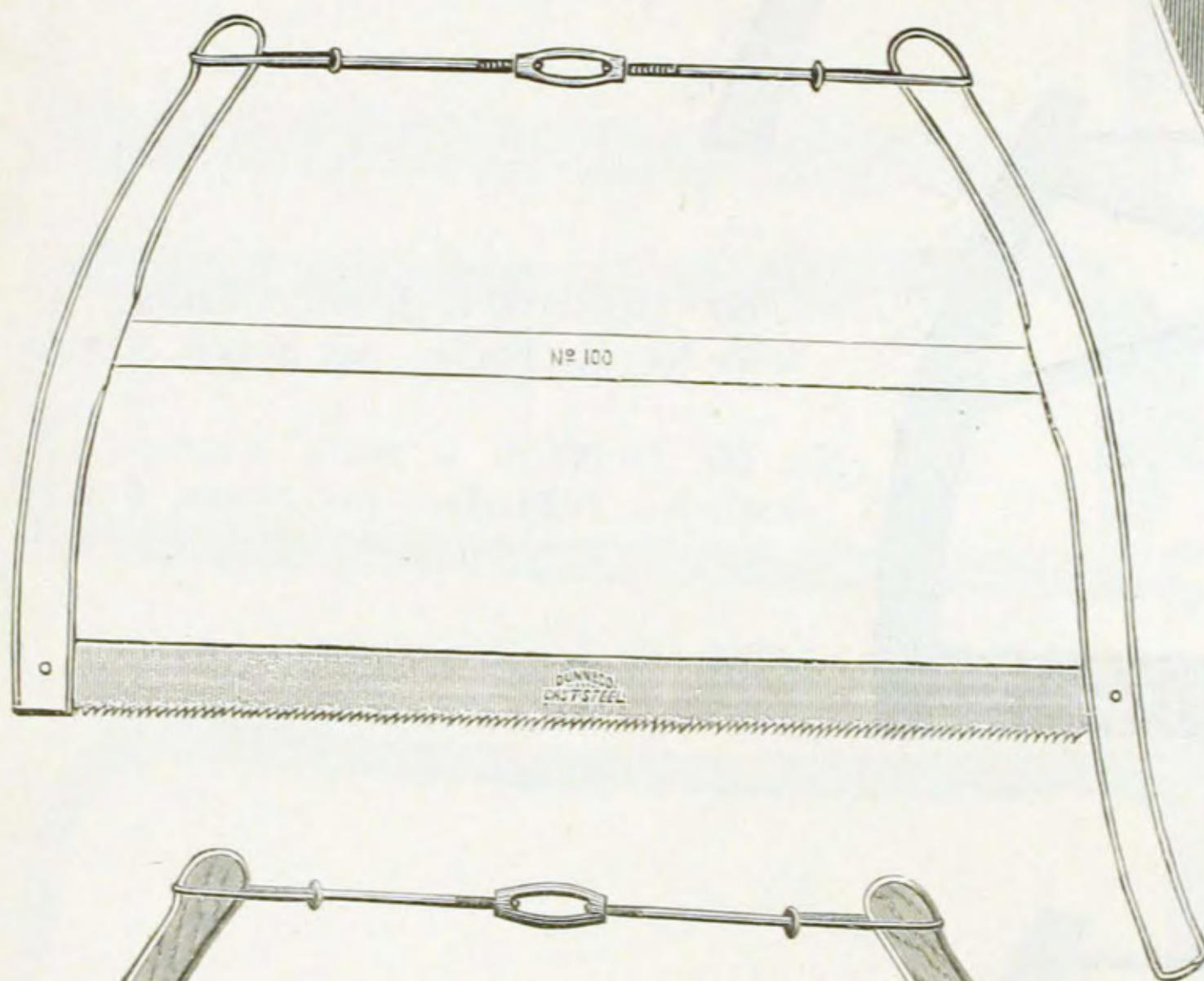
Above, half dozen in a bundle.



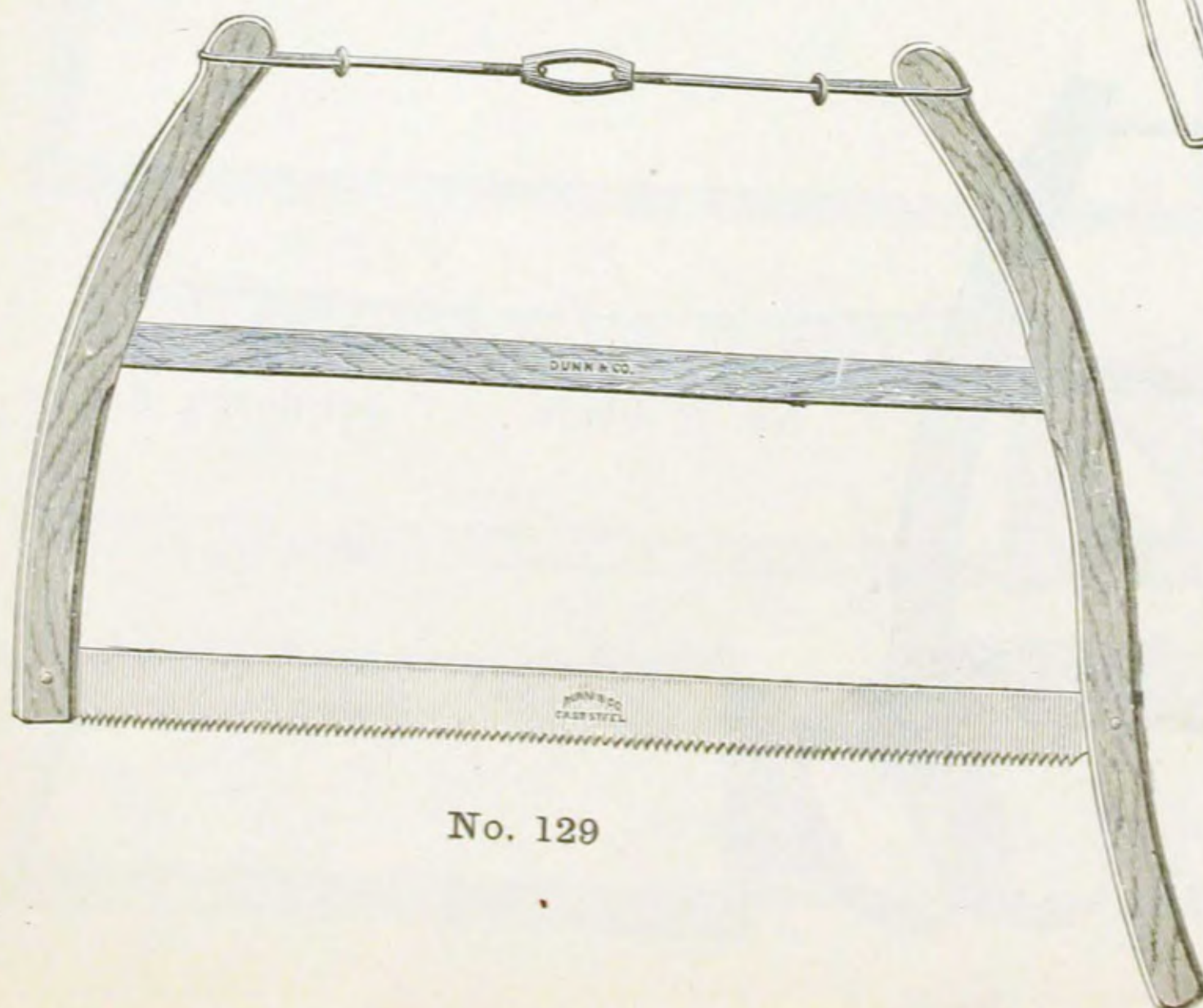
FRAMED WOOD SAWS



No. 3 MARSHALL'S,
per dozen, \$7.25
No. 6 DISSTON & SONS',
per dozen, 10.25
Half dozen in a bundle.



NEW YORK SAW CO., Frame
Painted Red,
per dozen, \$7.50
Half dozen in a case.

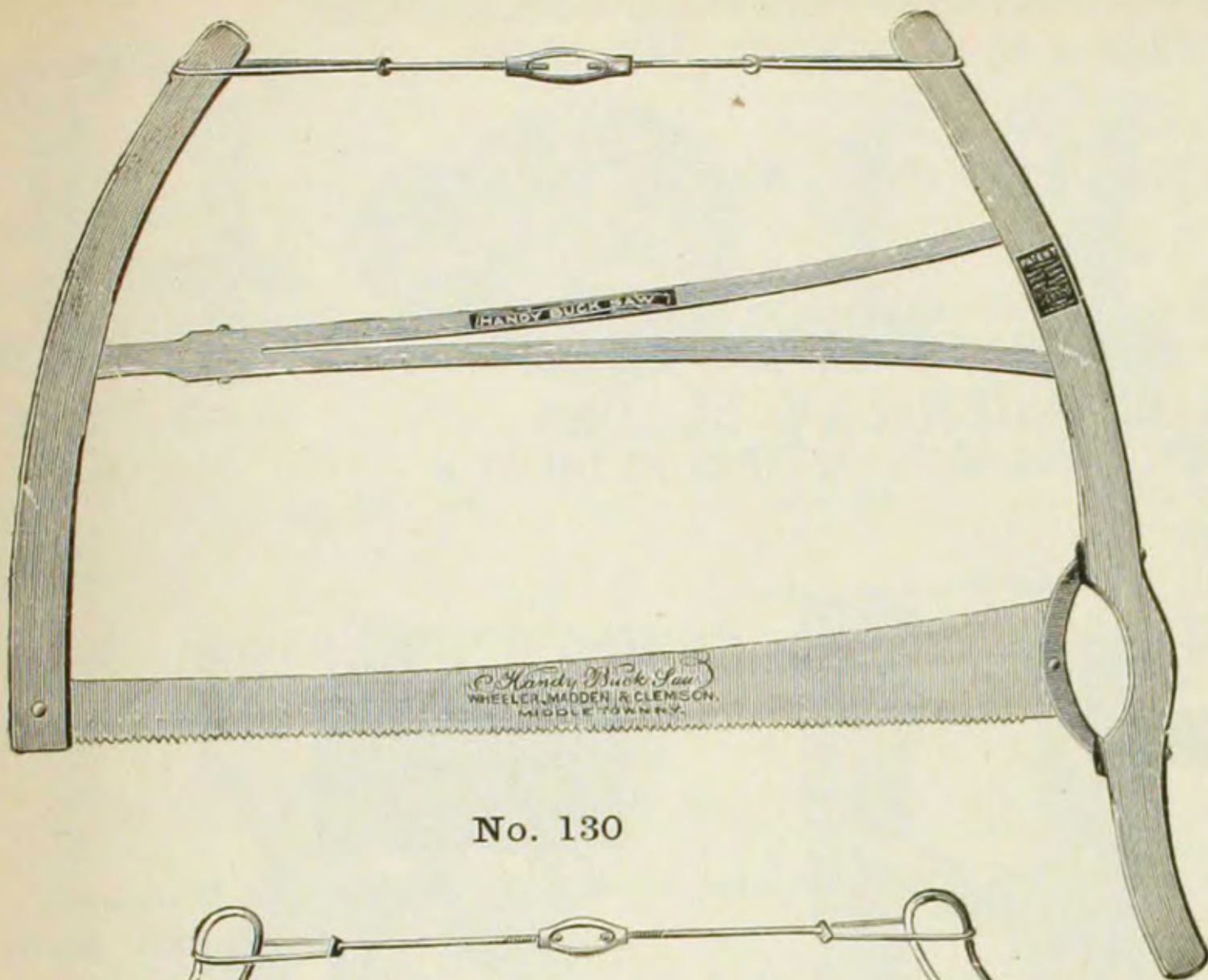


No. 129

No. 129 W. G. SMYTHE,
Set and Sharpened,
per dozen, \$6.25
Half dozen in a bundle.



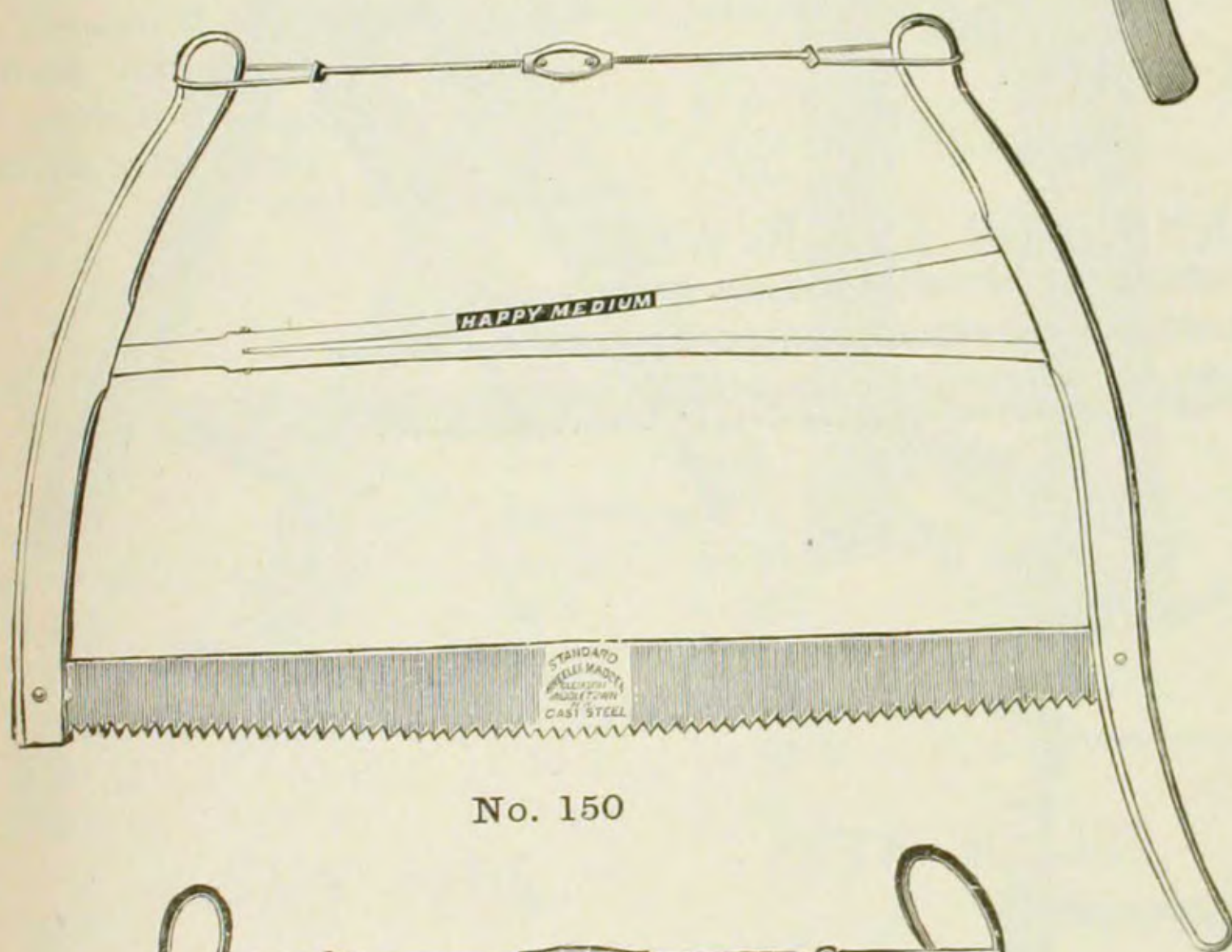
FRAMED WOOD SAWS



No. 130

THE HANDY BUCK SAW

No. 130 Frame Painted
Red, per dozen, \$12.00

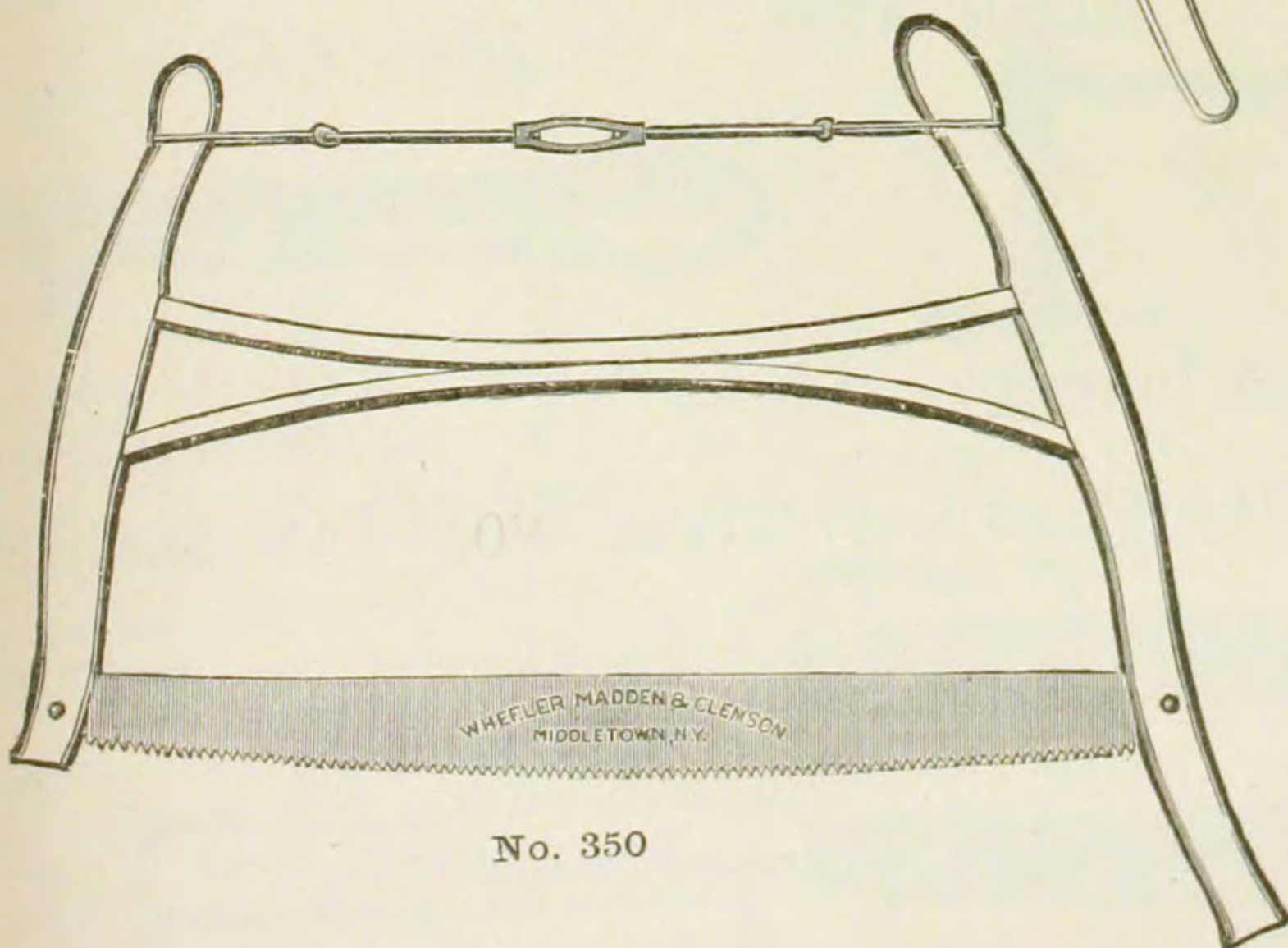


No. 150

HAPPY MEDIUM

No. 150 With Standard
Blade, per dozen, \$10.00
No. 150R Frame Painted
Red, per dozen, \$11.00
No. 160R Frame Painted
Red, Clock Spring
Blade, per dozen, \$11.00

Can be supplied with Champion Blades
at \$0.25 per dozen, net additional.



No. 350

No. 350 Frame Painted
Red, Clock Spring
Blade, per dozen, \$9.25

All above, half dozen in a case.



BUTCHERS' SAW BLADES

BLADES FROM $\frac{3}{4}$ TO $1\frac{1}{4}$ INCH WIDE, INCLUSIVE									
Length, inches,	12	14	16	18	20	22	24	26	28
Per dozen,	\$3.60	3.80	4.00	4.25	4.50	4.75	5.00	5.25	5.50
BLADES FROM $1\frac{1}{2}$ TO 2 INCHES WIDE, INCLUSIVE									
Length, inches,	16	18	20	22	24	26	28	30	32
Per dozen,	\$5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25

Clock Spring Blued Blades, 22 inches, per dozen, \$6.00; 24 inches, per dozen, \$6.25.
Half dozen in a package.

STAR BUTCHER SAW BLADES

WIDTH $\frac{5}{8}$ INCH, GAUGE NO. 24, $9\frac{1}{2}$ TEETH TO THE INCH

Length, inches,	14 and 16	18 and 20	22 and 24	26
Per dozen,	\$1.08	1.20	1.32	1.44

One dozen in a package.

CAST STEEL SAW KNIVES



Per dozen, \$5.50

CABINET SCRAPERS



2, $2\frac{1}{2}$, and 3 $\times$ any multiple up to 6 inches, per dozen, \$0.60
 $3\frac{1}{2}$, 4, and 5 $\times$ any multiple up to 6 inches, per dozen, \$1.00
 One dozen in a package.

R. & E. MFG. CO.'S SAW KNIVES

Per dozen, \$3.75

One dozen in a box.

TURNING OR CHAIR WEBS



Length, inches,	10	12	14	16	18	20	22
Gauge, Nos.	22	21	21	20	20	20	20
Width, inches,	$\frac{3}{16}$ to $\frac{1}{4}$	$\frac{3}{16}$ to $\frac{5}{16}$	$\frac{3}{16}$ to $\frac{5}{16}$	$\frac{1}{4}$ to $\frac{3}{8}$	$\frac{1}{4}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{5}{8}$	$\frac{1}{4}$ to $\frac{3}{4}$
Per dozen,	\$1.35	1.45	1.60	1.80	2.00	2.25	2.50
Length, inches,	24	26	28	30	32	34	36
Gauge, Nos.	19	19	19	19	18	18	18
Width, inches,	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to $\frac{7}{8}$	$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1
Per dozen,	\$2.80	3.10	3.45	3.80	4.20	4.60	5.00

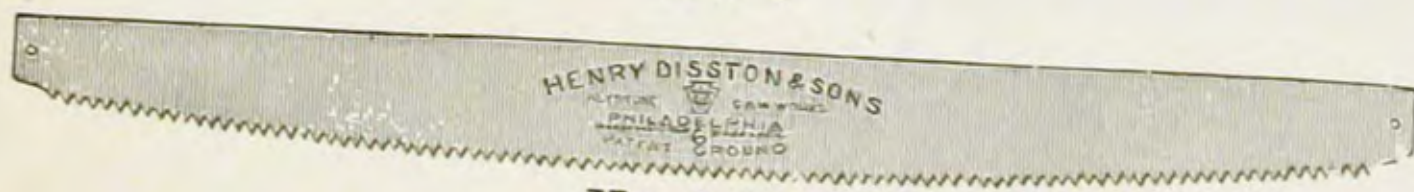
Length, inches,	10	12	14	16	18	20	22
Gauge, Nos.	18	18	17	17	17	17	17
Width, inches,	$\frac{3}{16}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{5}{8}$	$\frac{1}{4}$ to $\frac{5}{8}$	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to $\frac{3}{4}$
Per dozen,	\$1.60	1.85	2.10	2.35	2.70	3.00	3.30
Length, inches,	24	26	28	30	32	34	36
Gauge, Nos.	17	17	17	16	16	16	16
Width, inches,	$\frac{1}{4}$ to $\frac{7}{8}$	$\frac{1}{4}$ to $\frac{7}{8}$	$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1
Per dozen,	\$3.65	4.00	4.40	4.80	5.20	5.60	6.00

Half dozen in a package.

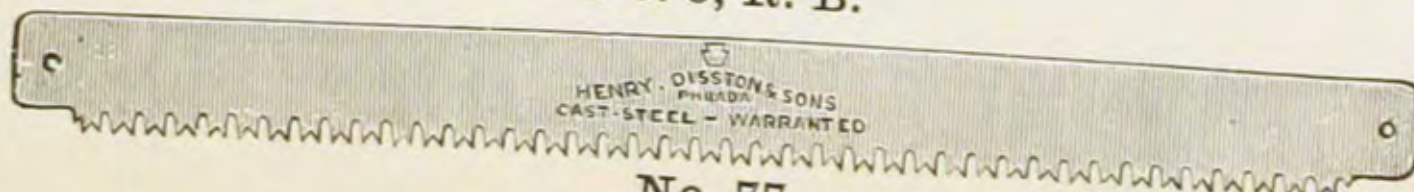
FELLOE WEBS

PATENT GROUND AND TEMPERED CAST STEEL WOOD SAW BLADES
SET AND SHARPENED

No. 6



No. 6, R. B.



No. 77

No.	Per dozen.
6 Disston & Sons' C. S., 30 in.,	\$7.50
6 R.B. " " " " 30 "	7.50
Round Breasted,	7.50
45 Disston & Sons' C. S., 30 in.,	7.50
Round Breasted, Blued,	7.50
9 Disston & Sons' S. S., 30 in.,	8.25
11 " " Ex., 30 "	11.25
3 Marshall,	30 " 5.75
4 Jackson,	30 " 4.00
77 Disstons' Improved, 30 "	8.25

Half dozen in a bundle.

SAW SCREWS



No.		Per gross.
1	Brass Flush,	\$2.25
2	" "	2.50
3	Small Eagle,	4.00
4	Large "	5.00
5	Brass Raised,	5.00
6	Iron "	5.00
11	Brass, Centennial, Small Oval,	2.80
12	Brass, Centennial, Large Oval,	3.25
13	Brass, Centennial, Small Embossed,	4.75
14	Brass, Centennial, Large Embossed,	5.75
	Half gross in a box.	

ROLLER SAW BUCKS

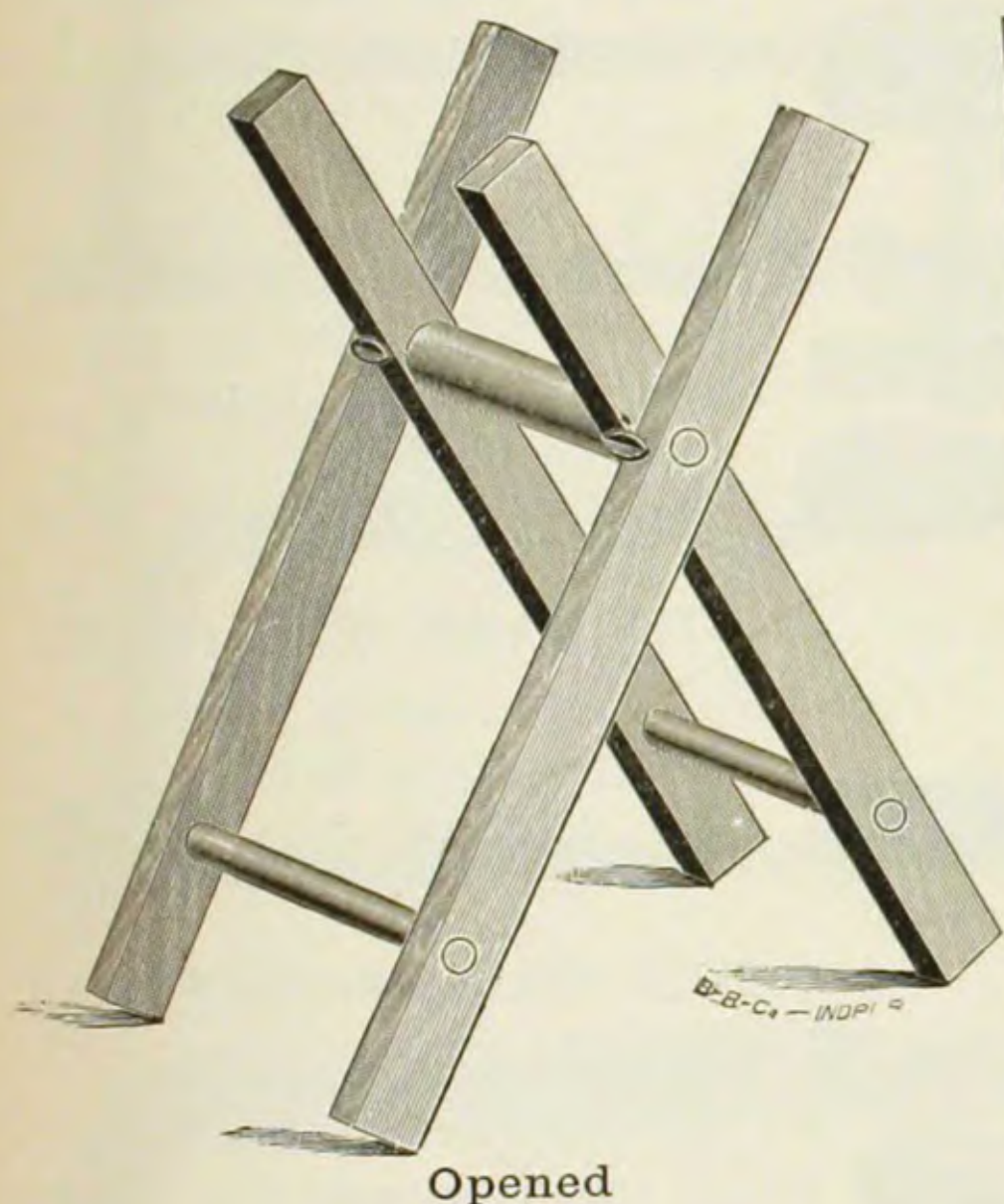
In the Roller Saw Buck, the center bar revolves when the saw touches it after having cut through the wood, so that it is impossible to cut through the center bar.

Per dozen.

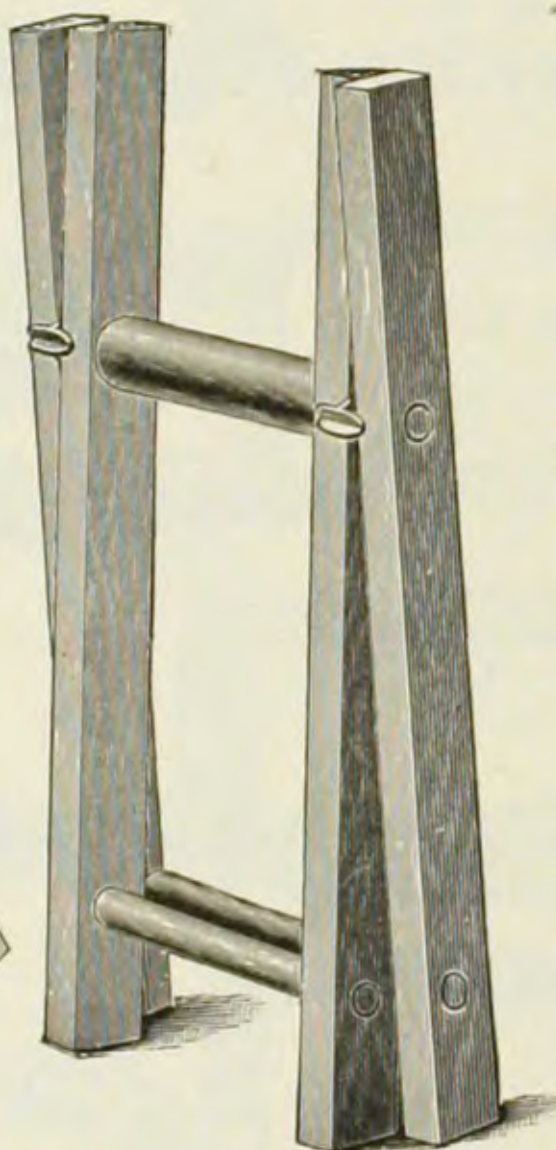
Made of Hard Wood,
Malleable Iron Locks, \$4.50
Half dozen in a crate.

SAW FRAMES

No.		Per dozen.
1	For Loop Rods,	\$1.40
2	Heavy, for Loop Rods,	1.75
4	Polished and Varnished, Red, for Loop Rods,	2.00
	Half gross in a case.	



Opened

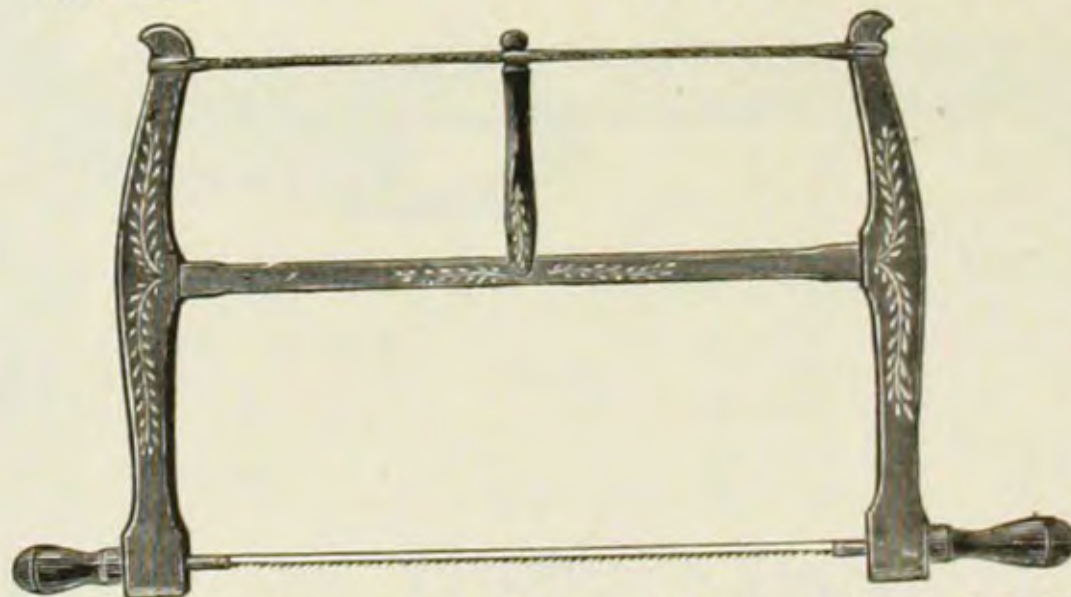


Closed

SAW PADS



No.		Per dozen.
94 1/2	Beechwood,	\$4.50
95	" Steel Springs,	5.75
96	Boxwood, " "	7.00
	Half dozen in a box.	



TURNING SAWS AND FRAMES

Length, in.,	10	12	14	16	18	20
Per dozen,	\$10.75	12.25	13.75	15.25	16.75	18.00
Length, in.,	22	24	26	28	30	
Per dozen,	\$18.75	19.50	20.50	21.75	22.75	

SAW RODS

CLIPPER, NO. 1, HEAVY

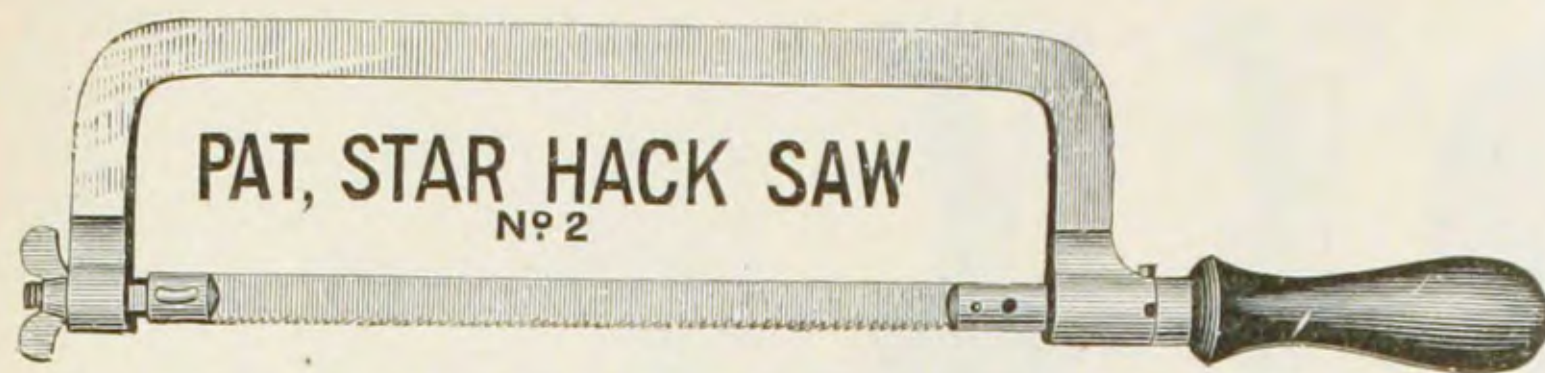


Length, inches,	20	21	22	23	24
Per dozen,	\$1.82	1.85	1.88	1.92	1.95

One dozen in a package.



STAR HACK SAWS

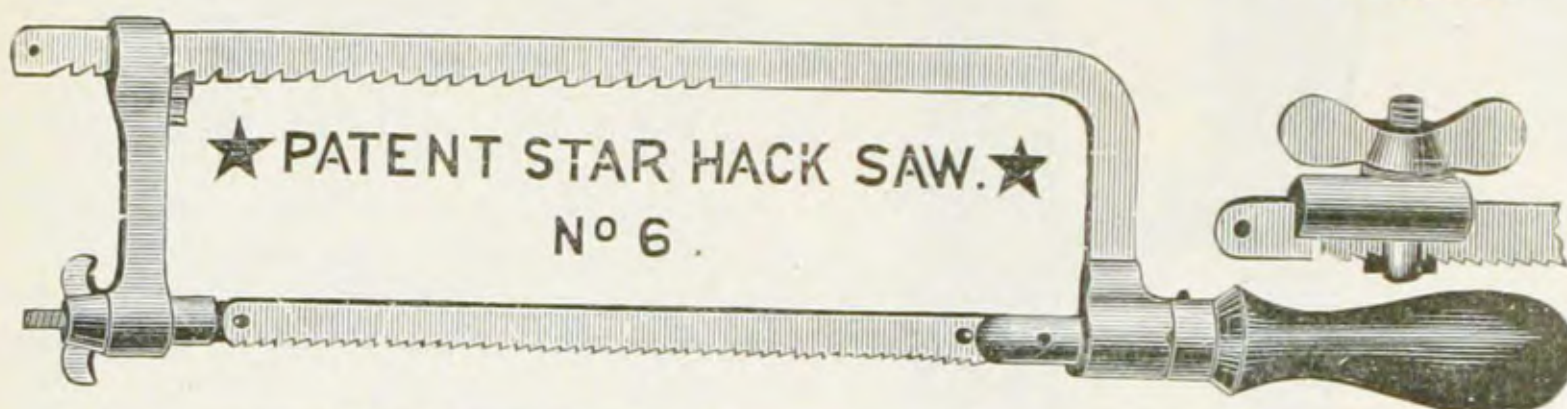


No. 2 Solid Frame, holding 8 inch Blades, per dozen, \$8.40



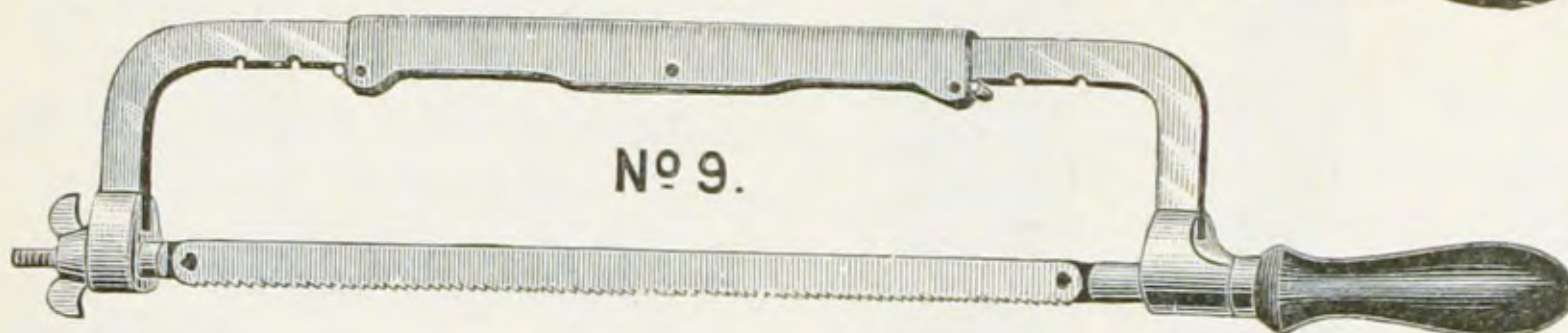
No. 4A Japanned, Solid Frame, for 8 in. Blades, per dozen, \$3.00

No. 4B Japanned, Solid Frame, for 9 in. Blades, per dozen, \$3.00



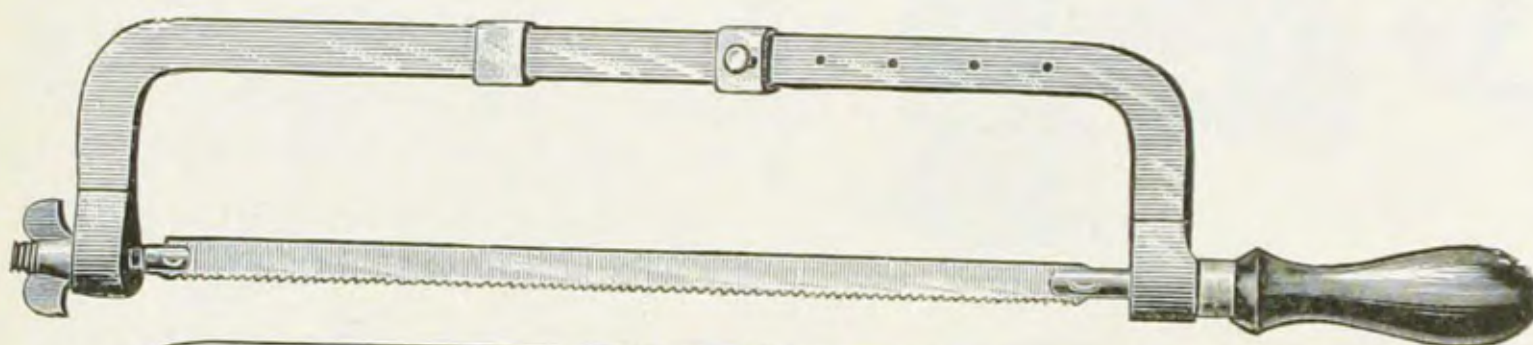
No. 6 Extension Frame, holding 6 to 12 in. Blades, per dozen, \$12.00

Extra Clamp for holding broken Blades, per dozen, \$1.20



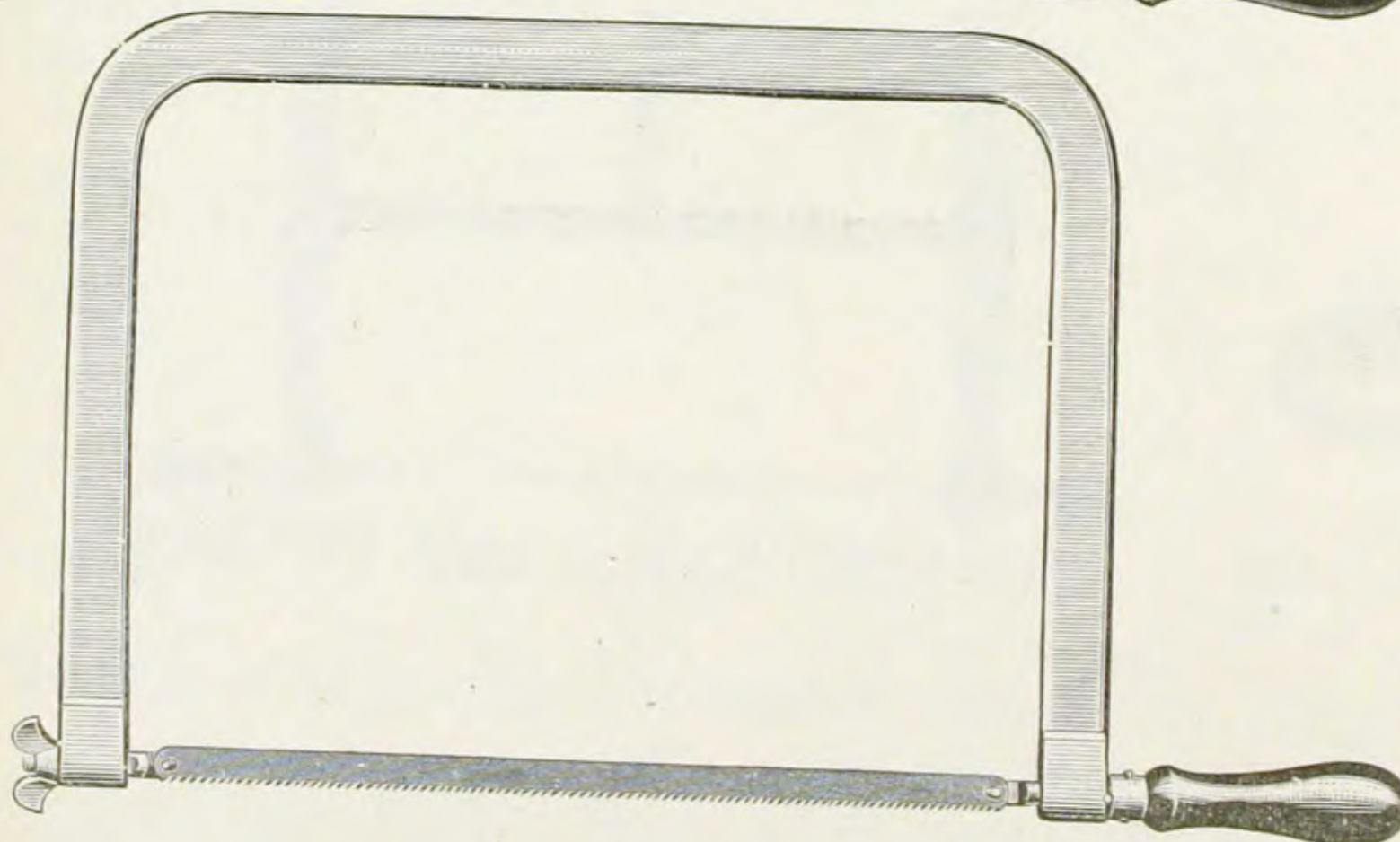
STEEL FRAMES, NICKEL-PLATED

No. 9 Extension Frame, holding 8 to 12 in. Blades, per dozen, \$12.00



STEEL FRAMES, NICKEL-PLATED

No. 10 Extension Frame, holding 6 to 12 in. Blades, per dozen, \$12.00



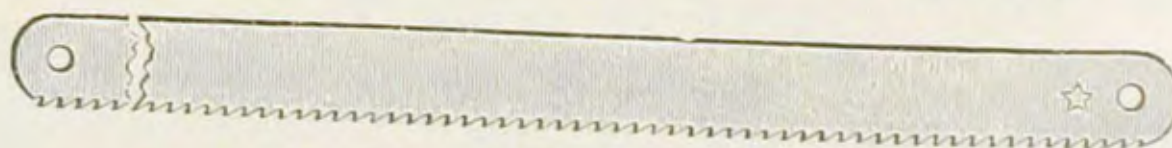
Frame made for large work, such as cutting off girders, beams, etc.

No. 13 7 inches deep for 9 inch Blades, per dozen, \$15.00

No. 14 10 inches deep for 12 inch Blades, per dozen, \$18.00

Above, one in a box.

STAR HACK SAW BLADES



Size, inches,
Per dozen,

6
\$0.55

7
.60

8
.65

9
.70

10
.85

11
.95

12
1.05

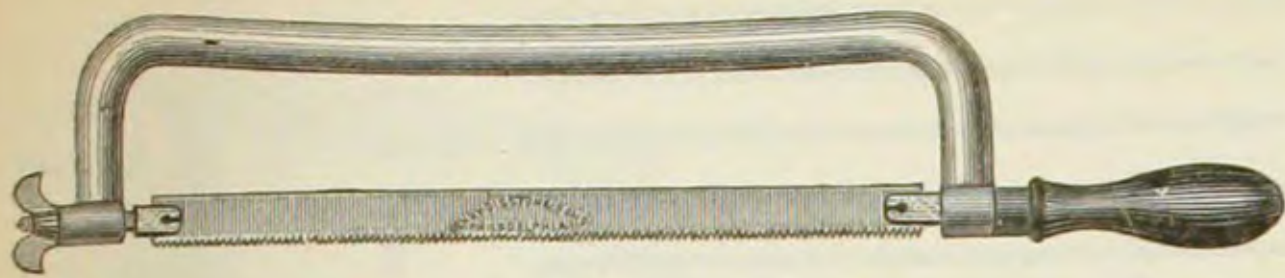
Assorted 6 to 9
.65

One dozen in a package.

Six dozen in a box.



DISSTON'S IMPROVED REVERSIBLE FRAMED HACK SAWS



	Without Blades.			
Length, inches,	8	9	10	11
Per dozen,	\$6.00	6.25	6.50	6.75
Length, inches,	12	14	16	18
Per dozen,	\$7.00	7.50	8.00	8.50

One-sixth dozen in a box.

HACK SAW BLADES

Length, inches,	8	10	12
Per dozen,	\$2.80	3.25	3.75

One dozen in a package.

KEYSTONE HACK SAWS

One Blade with each Frame.

Length, inches,	8	9	10
No. 0 Japanned Frames, per doz.,	\$3.25	3.70	4.25
No. 1 Polished " " "	4.10	4.55	5.10
Length, inches,	12	14	16
No. 0 Japanned Frames, per doz.,	\$4.80	5.10	5.70
No. 1 Polished " " "	5.65	5.95	6.55

ADJUSTABLE HACK SAWS

Without Blades.

No. 2 Polished Frames only, adjustable for	
Blades 6 to 12 inches,	per dozen, \$7.50

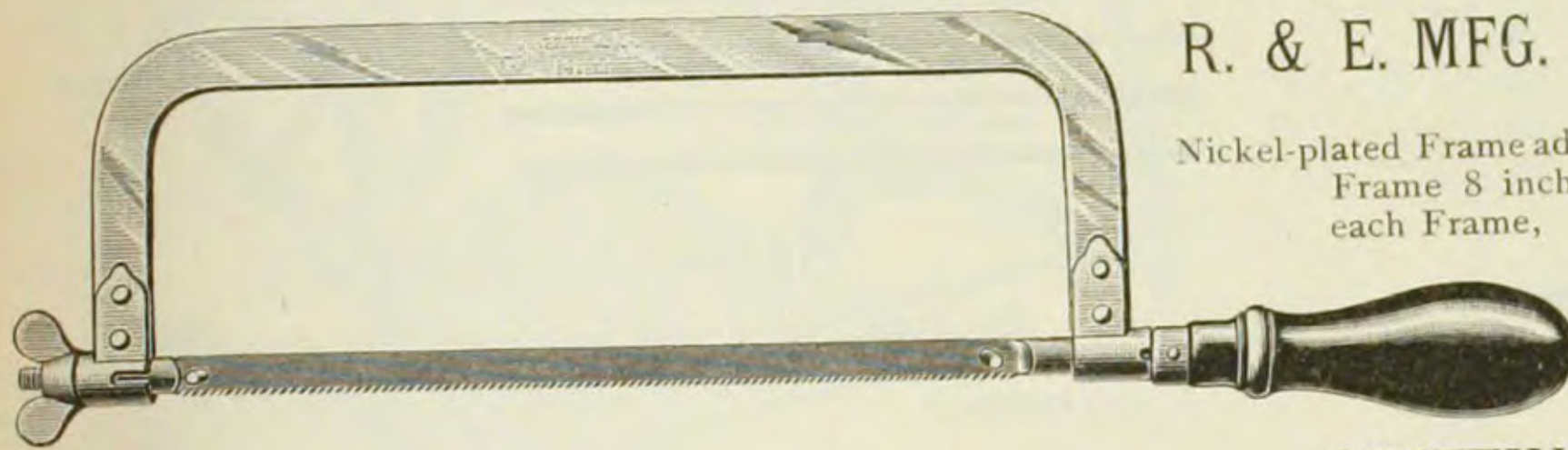
FLEXIBLE HACK SAW BLADES

Length, inches,	8	9	10	12	14	16
Per dozen,	\$0.50	.55	.65	.75	.90	1.00

R. & E. MFG. CO.'S HACK SAWS

NO. 122

Nickel-plated Frame adjustable to 4 angles,
Frame 8 inches, one Blade with
each Frame, per dozen, \$11.00



GRIFFIN'S HACK SAWS

NO. 30. JAPANNED FRAME

Length, inches,	6	7	8	9	10	12
Per dozen,	\$14.00	15.00	16.00	17.00	18.00	20.00

One in a box.



GRIFFIN'S NEW HACK SAW BLADES

Length, inches,	6	7	8	9
Per gross,	\$9.25	10.00	10.50	11.25
Length, inches		10	11	12
Per gross,		\$12.00	12.75	13.25

Half gross in a box.



COPING SAWS

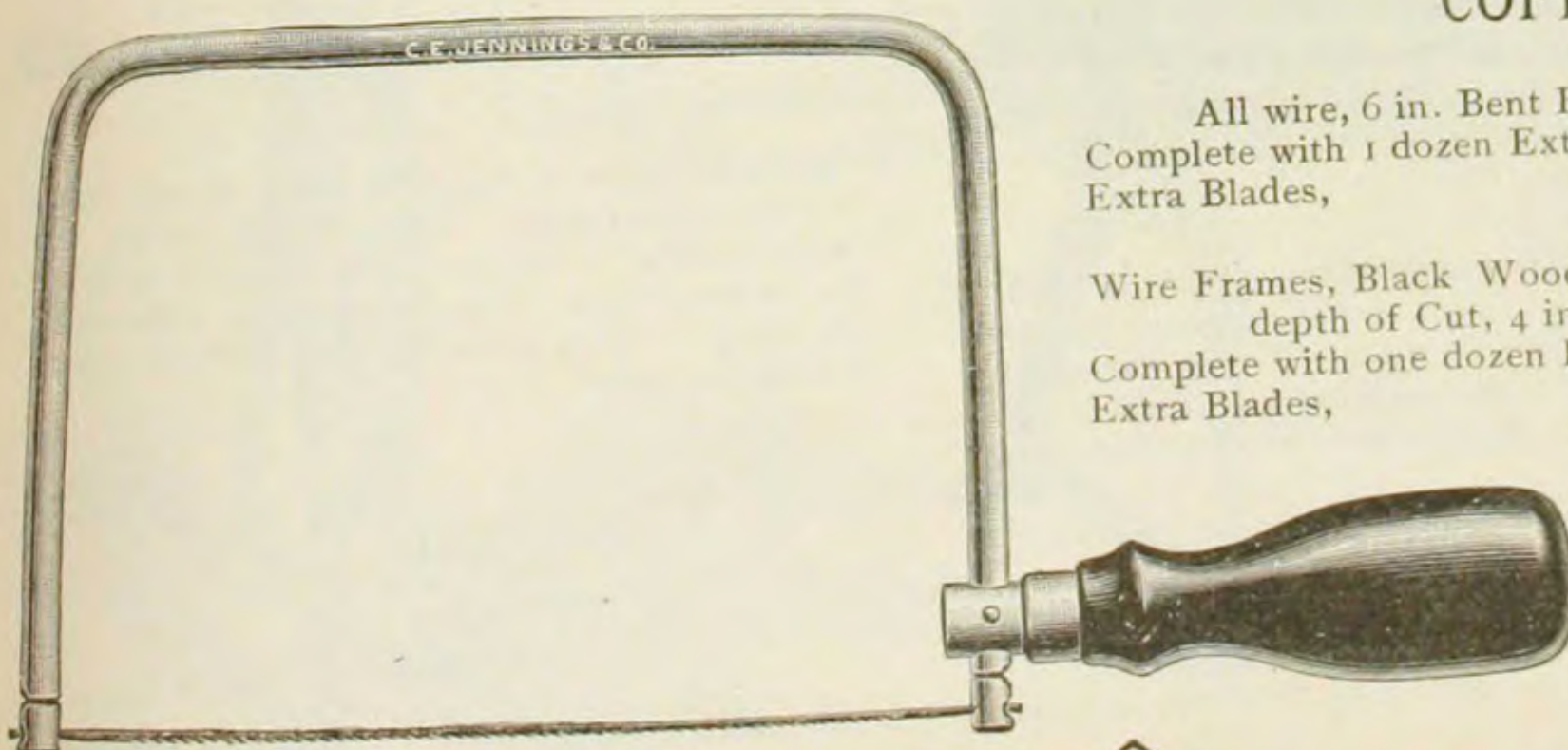
NO. 100

All wire, 6 in. Bent End Blades, depth of Cut, 4 in.
Complete with 1 dozen Extra Blades, per dozen, \$3.25
Extra Blades, per gross, 1.66

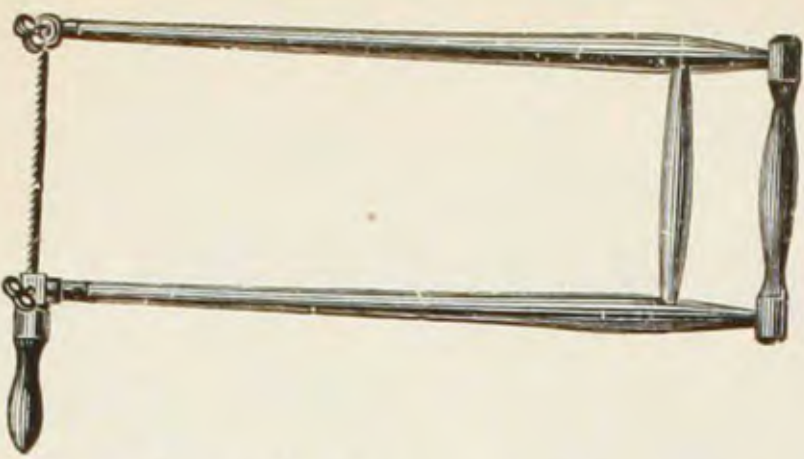
NO. 110

Wire Frames, Black Wood Handles, 6 in. Bent End Blades,
depth of Cut, 4 in.
Complete with one dozen Extra Blades, per dozen, \$4.00
Extra Blades, per gross, 1.66

Half dozen in a box.

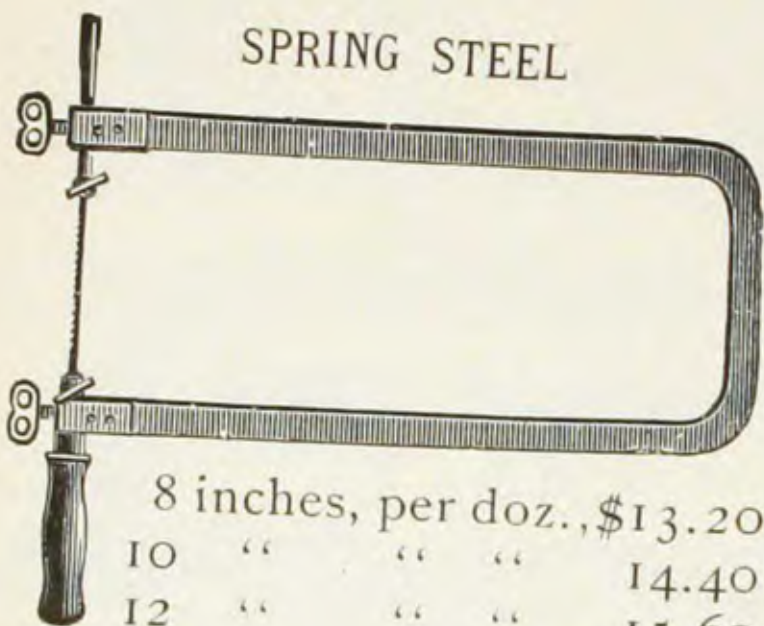


PATENT BRACKET SAW FRAMES. STAR BRACKET SAW BLADES



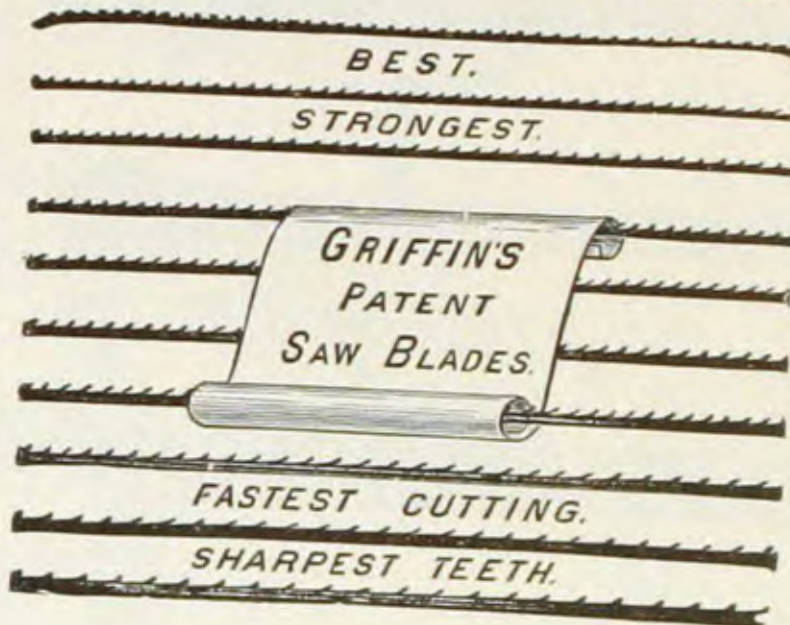
Rosewood, 12 inches, per doz., \$9.00
 Birch, 12 inches, " " 6.00

Nos.	Per gross.
000 to 6	\$1.00
7	1.10
8	1.20
9	1.30
10	1.40
11	1.50
12	1.60



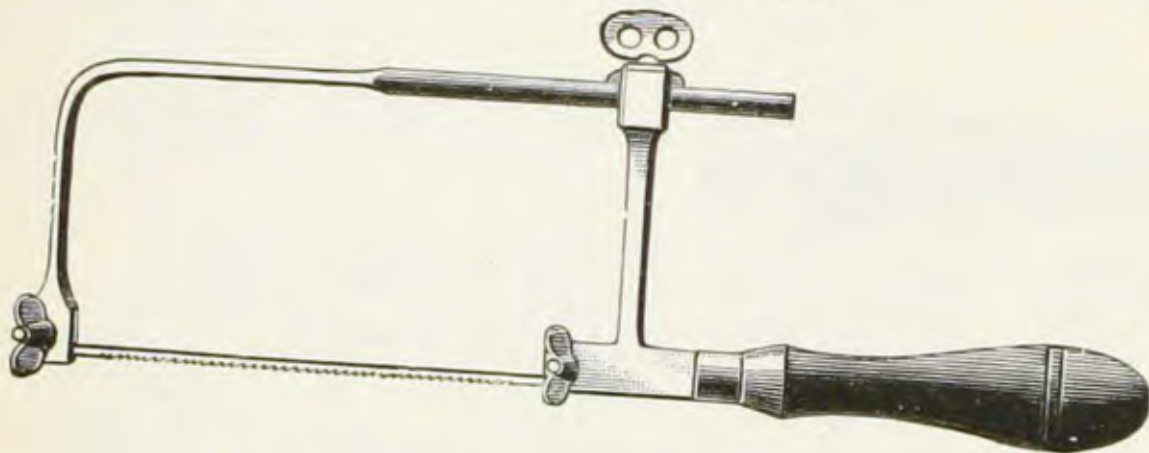
8 inches, per doz., \$13.20
 10 " " " 14.40
 12 " " " 15.60
 14 " " " 16.80
 16 " " " 18.00

GRIFFIN'S PATENT BRACKET SAW BLADES



Nos.	Per gross.
000 to 6	\$1.00
7	1.10
8	1.20
9	1.30
10	1.40

One gross in package.



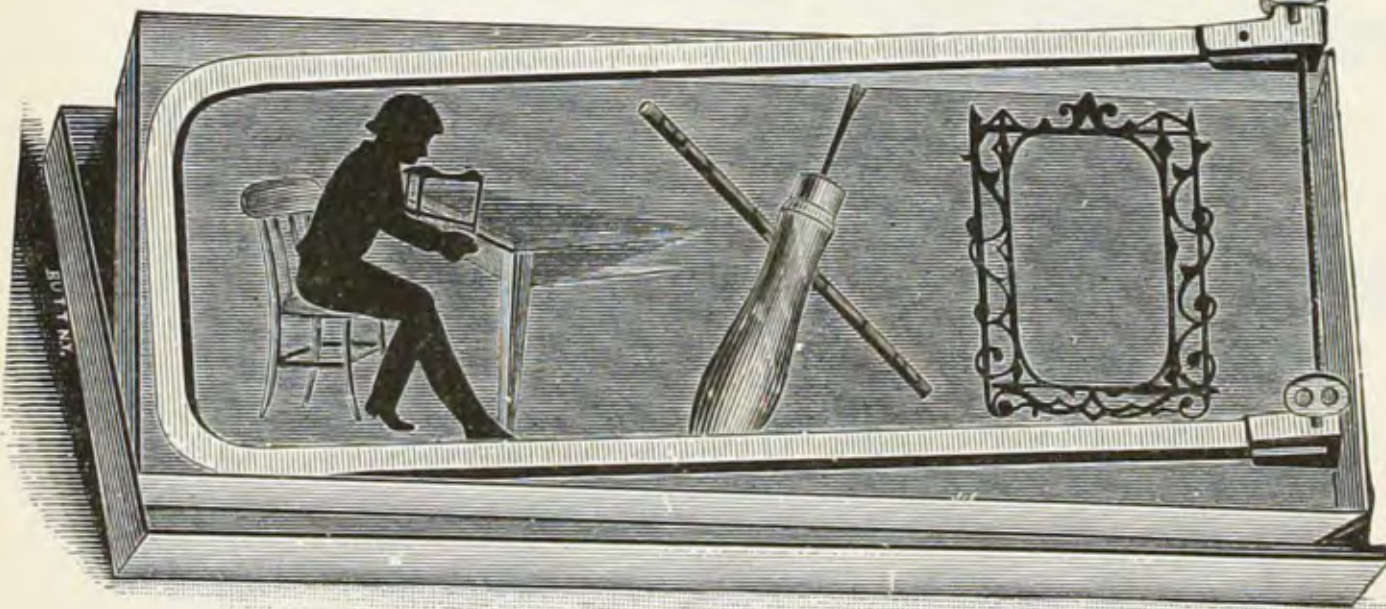
JEWELERS' SAWS

Nickel-plated Frame, made of Forged Spring Steel, with Rosewood Handle. Will hold Saws from 1 to 6 inches.

Per dozen,

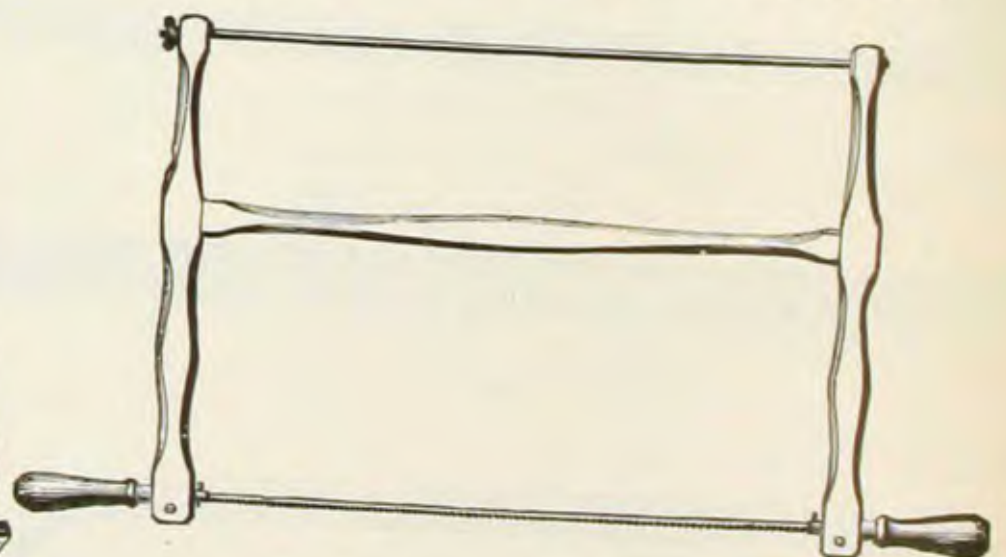
\$9.00

BRACKET SETS



No. 2

MILLER'S FALLS TURNING WEBS, FRAMED



This frame is made of birch wood, with ebonized handles. There is an index on each handle to show the operator just how far to turn each. The friction is regulated by screws. It is quite superior to most other kinds in market.

18 inch Frame, with one Blade, Each, \$1.00

18 inch Blades, Per dozen, \$2.00

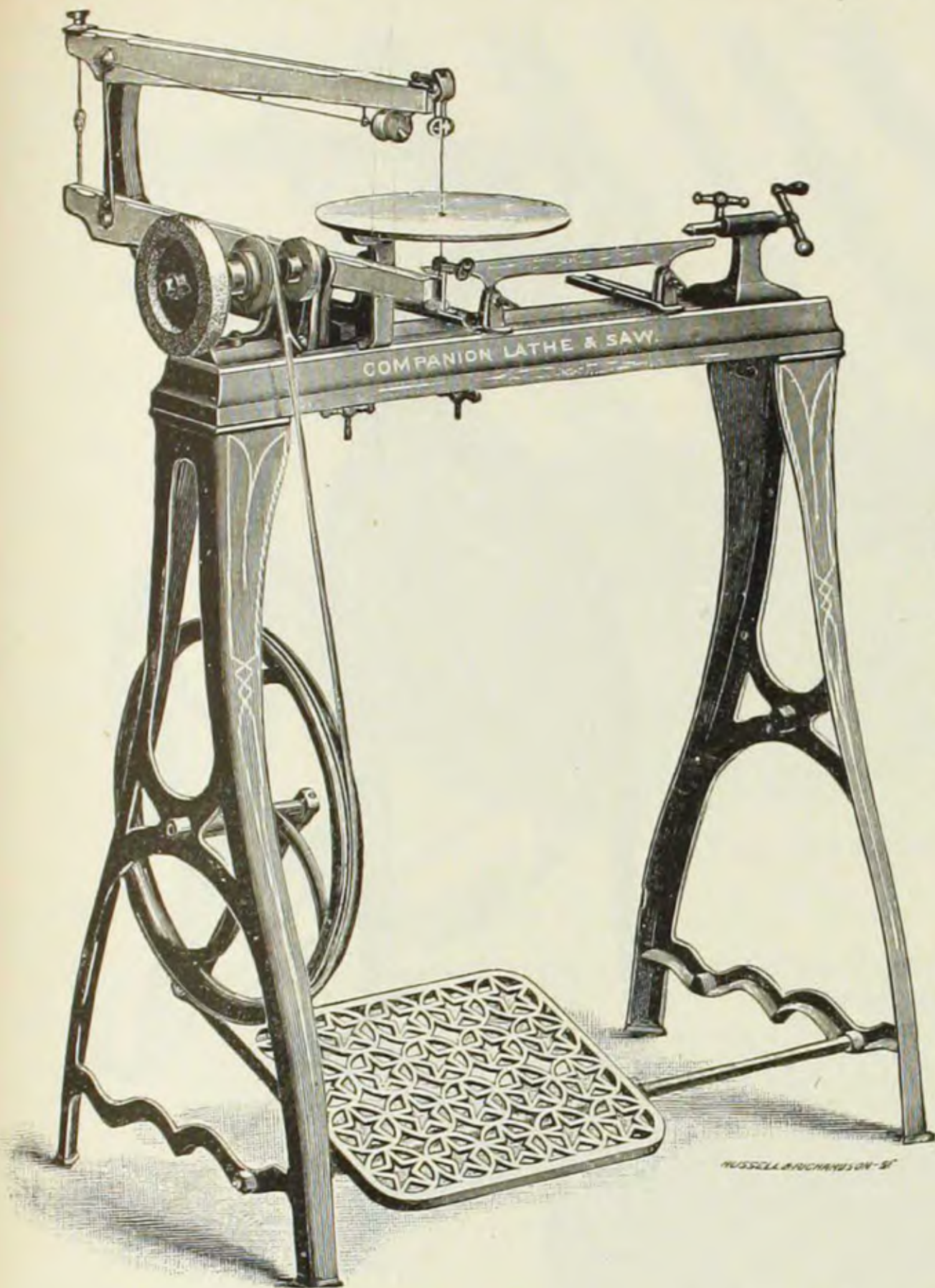
These sets are packed in paper boxes, and embrace a Spring Steel Saw Frame, polished and nickel-plated, 5x12 inches, having patent Clamps for holding the Saw Blades, rosewood handle. Three sheets of designs, embracing a great variety of fancy and useful articles; 12 Saw Blades, 1 Awl, 1 sheet of Impression Paper, and full directions for using the Saw.

No. 2 Bracket Set, per dozen, \$15.00

No. 1 Pleasure and Profit Set, frame Rough Nickered, with Japanned Handle, box same size and same contents as No. 2, per dozen, 10.00



COMPANION LATHE AND SAW ATTACHMENTS

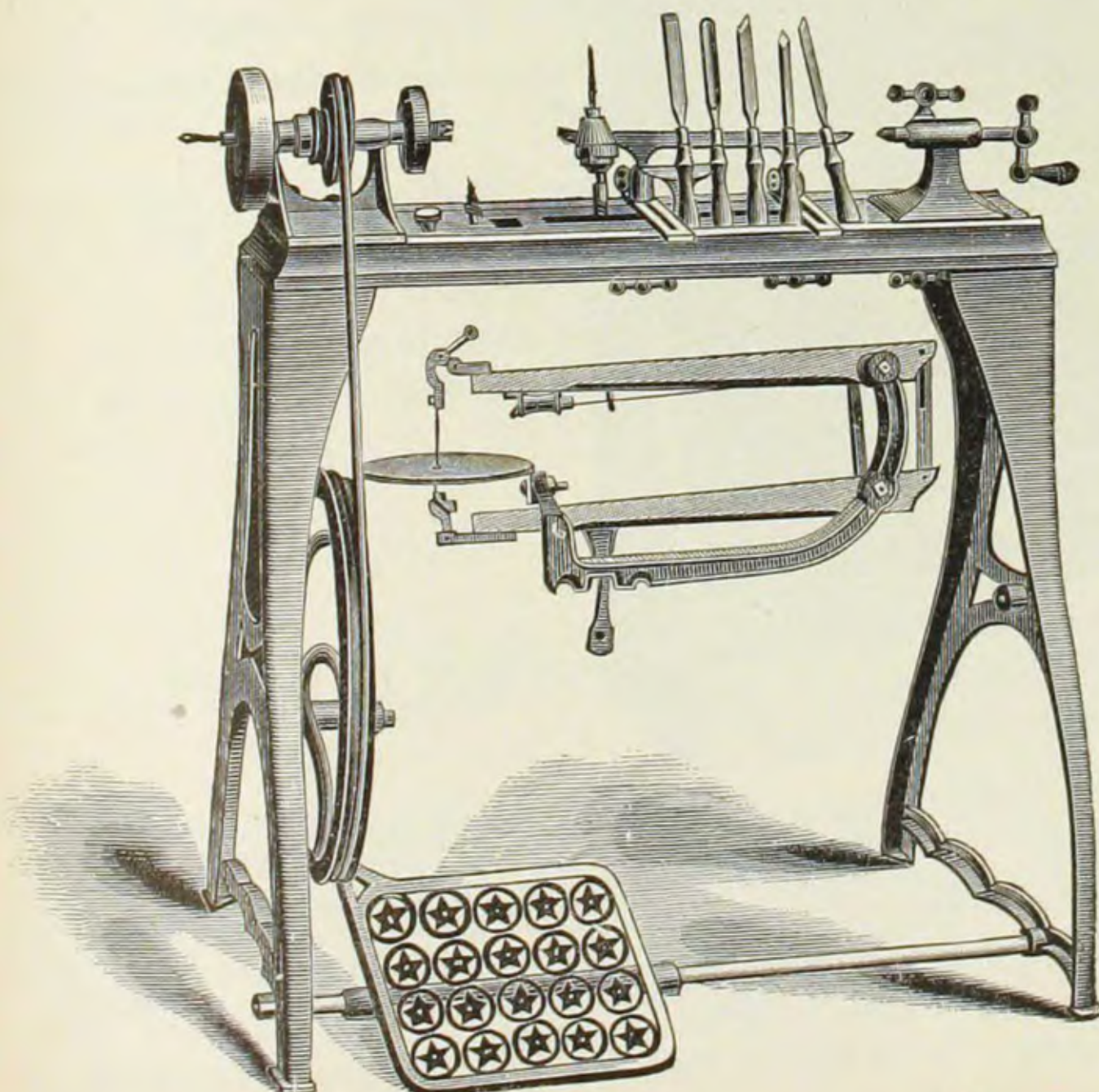


The Lathe Bed is 24 inches long, $13\frac{1}{2}$ inches between centers, and 5 inches swing. The Scroll Saw can be taken off by loosening one bolt.

State in ordering if either or both of the attachments are wanted.

Lathe and Tools,	each, \$7.00
Scroll Saw Attachment,	" 1.50
Circular Saw, "	" 1.00

GOODELL LATHE



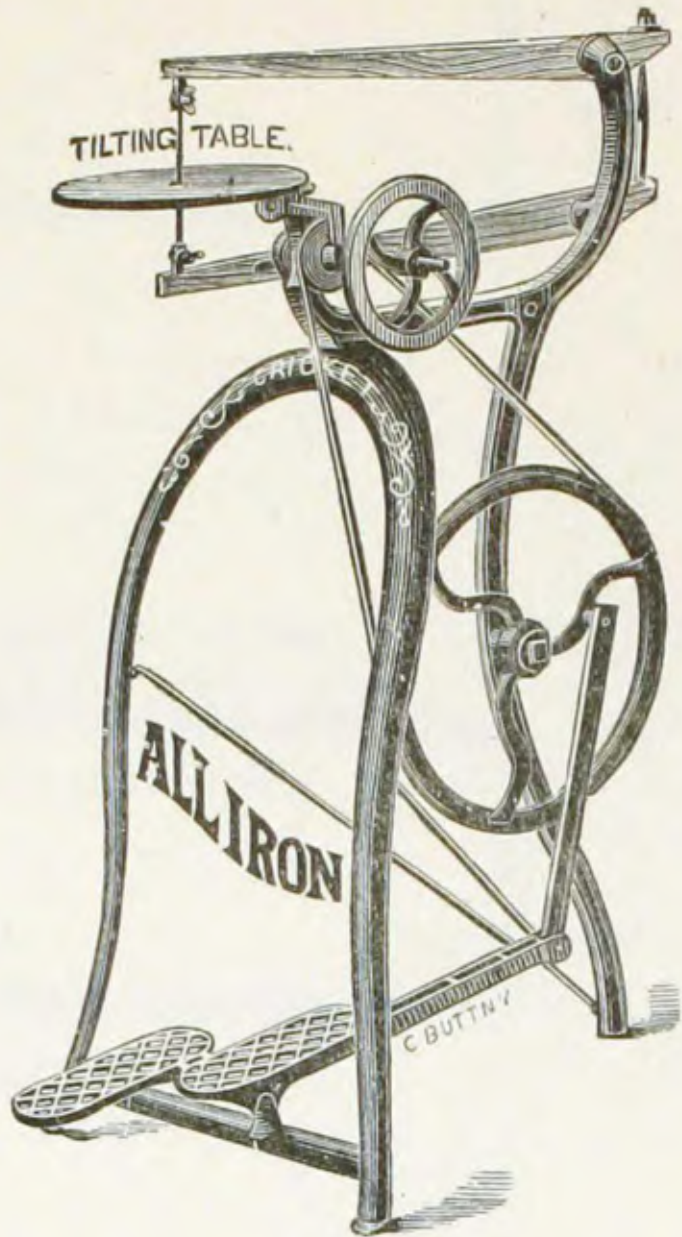
Length of Bed, 24 inches; Swing of Lathe, 5 inches; Distance between centers, $15\frac{1}{2}$ inches.

The lathe head has a 2 inch face plate, a spur center, a screw center, and a drill chuck to hold from $\frac{1}{8}$ to $\frac{1}{4}$ inch round twist drills; on the outer side of the pulley is placed a solid emery wheel $4\frac{1}{2} \times 7\frac{1}{8}$ inches and a drill spindle with set screw to hold drill points. It has a long and short tool rest, 5 turning tools, wrench, drill points, etc. This lathe is thoroughly built and finished; the planed and polished parts are nickel-plated. The scroll sawing attachment is secured to the lathe bed with a bolt, and can be readily put on or taken off.

Lathe and Lathe Tools,	each, \$10.00
" " " " with	
Scroll Saw attachment,	each, 12.00

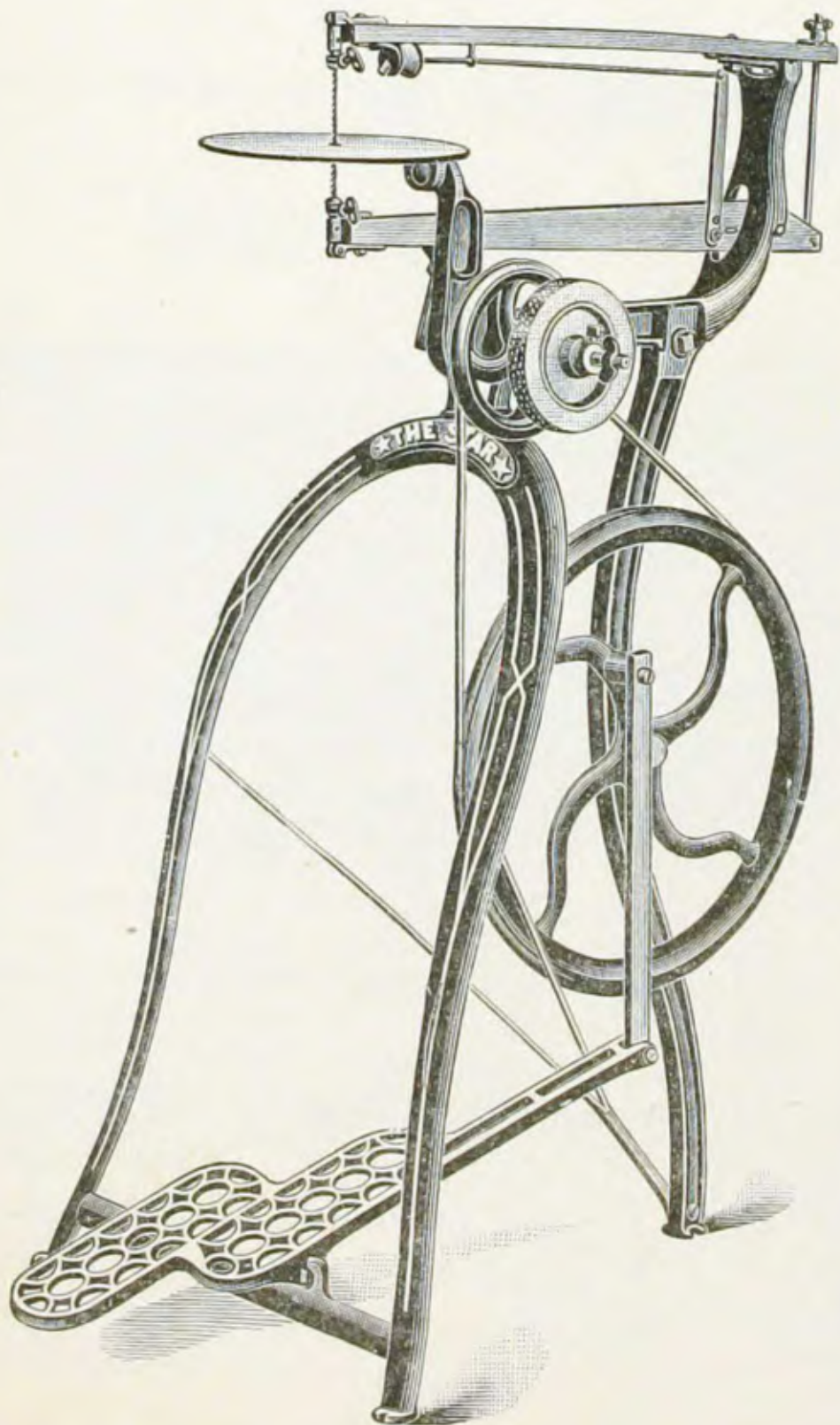


CRICKET SCROLL SAWS

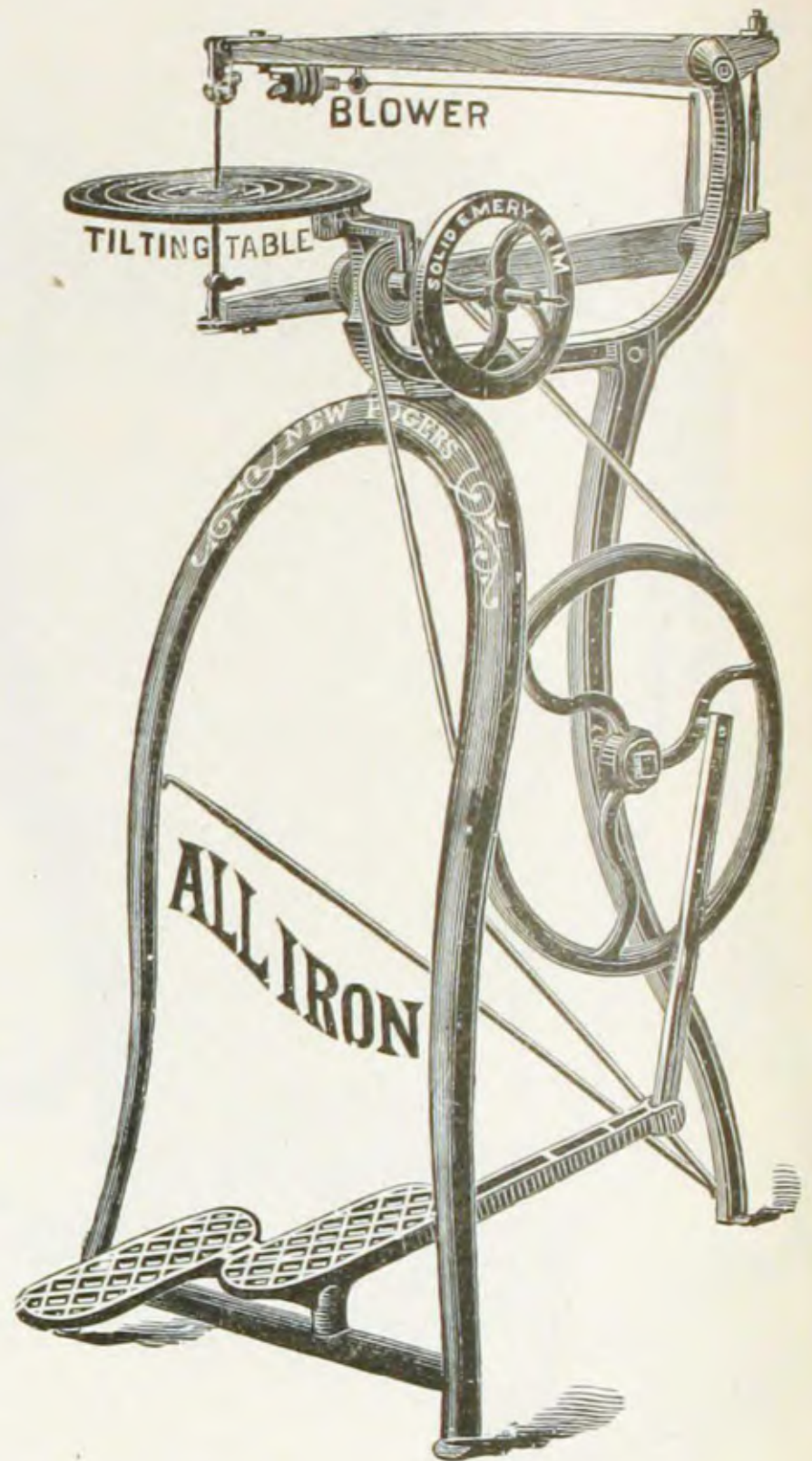


An all-iron, good and cheap foot-power Saw. Weight of Saw, packed for shipment, 35 pounds.

Cricket Scroll Saw, each, \$2.50



THE NEW ROGERS' SCROLL SAWS



Entire framework made of iron, painted and japanned black, and ornamented with red and gilt stripes. Diameter of Balance Wheel, $4\frac{1}{2}$ inches, with rim of solid emery. Weight of Saw, packed for shipment, 42 pounds.

With each machine are 12 Saw Blades, Wrench, sheet of Designs, and 3 Drill Points. All parts made to interchange.

No. 2 Rogers' Saw, as Illustration, each, \$4.00

No. 1 Rogers' Saw, with Balance Wheel of Iron instead of Emery, and Tilting Table Japanned instead of Nickel-plated, each, 3.50

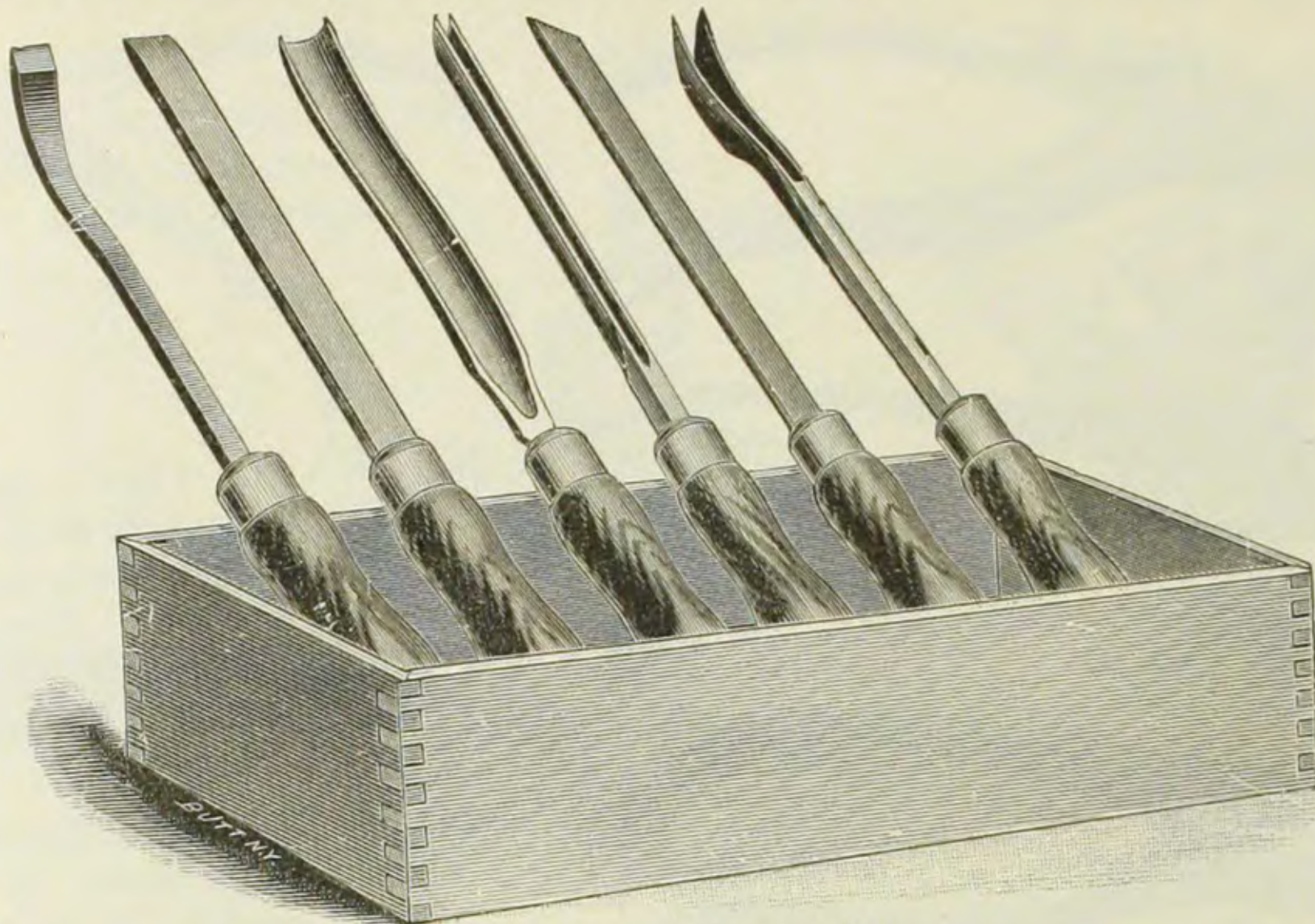
STAR SCROLL SAWS

This machine is of the same general character as the New Rogers' but heavier, having two Balance Wheels, one each iron and emery, thus increasing steadiness of motion, also a chuck for holding drills. The table is nicked, and the general finish of the Saw the same as other machines of its class. Weight of Saw, packed for shipment, 55 pounds.

Star Scroll Saw, each, \$5.00



CARVING TOOLS



Six Tools in a Wooden Box.

per dozen sets, \$12.00

" " " 18.00

No. 1

No. 2

These Tools are forged from the best quality of steel, and are fully warranted. They have Rosewood Handles and are sharpened ready for use.

CARVING SET NO. 3



This cut represents a new Carving Set of 13 tools (12 carving and one matting), gotten up for use in Manual Training Schools, and by amateurs generally, though we assume there will also be a demand for them from artisans. In making up the assortment of tools, we have endeavored to ascertain just the shapes and sizes best suited for the work, and think they will be approved of by those who use them. The Blades are made from the best steel we are able to procure for the purpose. They are carefully tempered and finished, and are sent out sharpened for use. The handles are made from Cocobolo wood, and of the most approved shapes. The cases, $9\frac{3}{4} \times 8\frac{1}{4}$ inches in size, are nicely finished, and compare favorably with the tools. A clamp is provided to hold each tool in its place in the case.

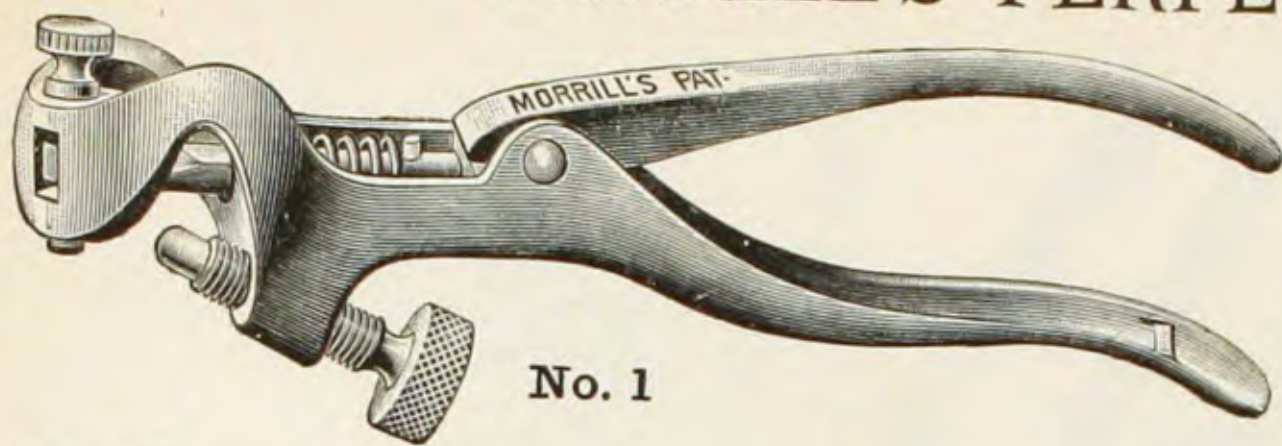
Take the set altogether, it is, in the words of a dealer of such goods, "a thing of beauty."

\$5.00

Per set,

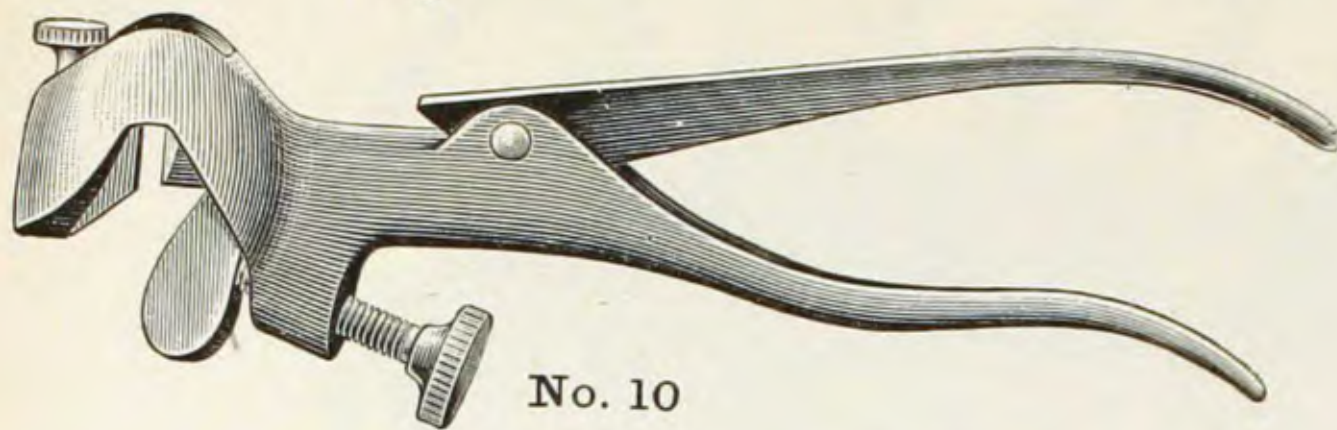


MORRILL'S PERFECT SAW SETS



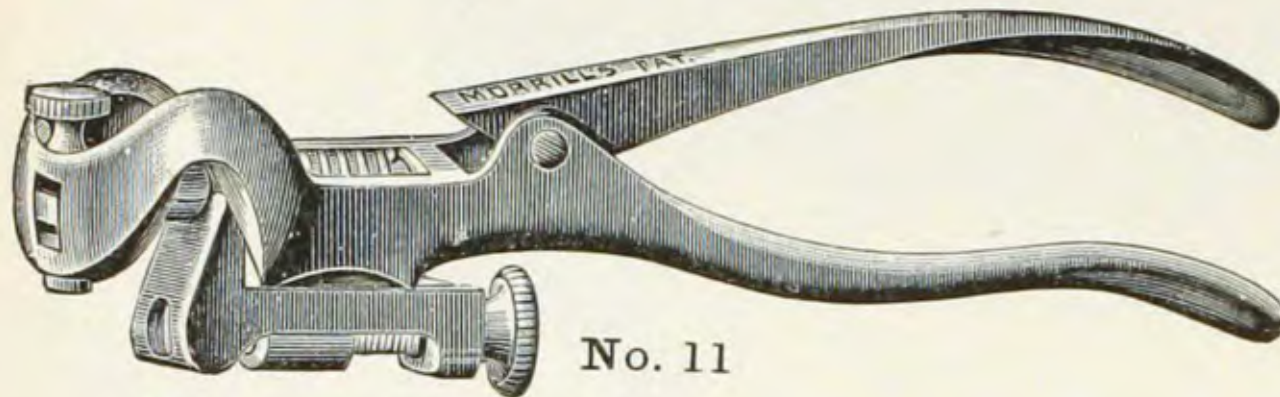
No. 1

No. 1 For Hand, Band, and Jig Saws, from the widest made down to $\frac{1}{2}$ inch, per dozen, \$12.00



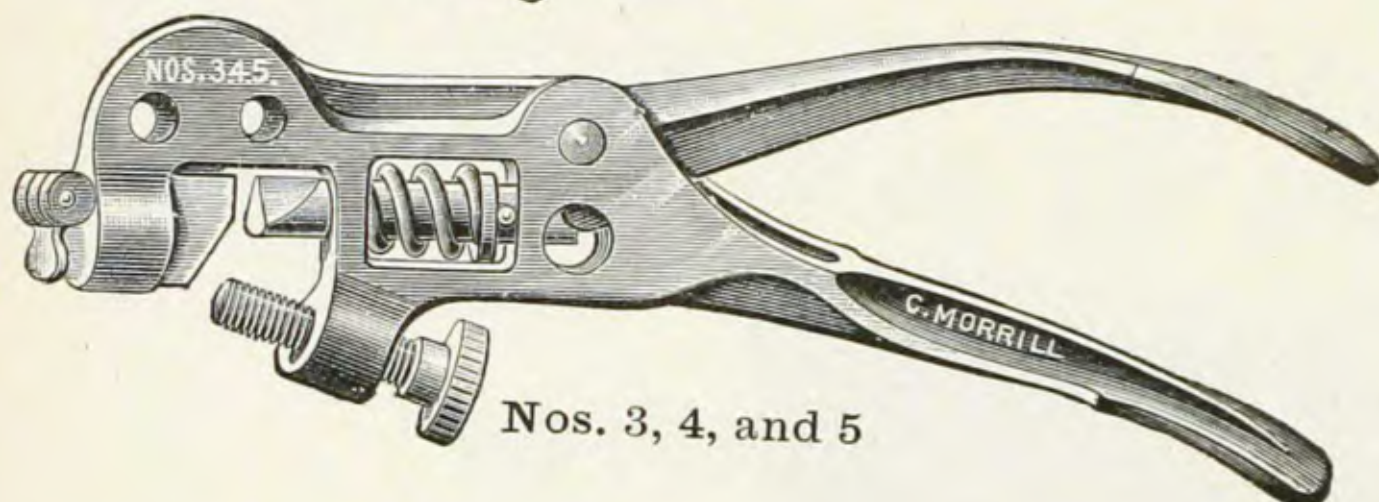
No. 10

No. 10 For Hand, Band, Jig, Scroll, and Fret Saws, from the largest made down to $\frac{3}{16}$ inch wide, per dozen, \$15.00



No. 11

No. 11 For Hand Saws, from $\frac{1}{16}$ inch thick down to the thinnest made, per dozen, \$15.00

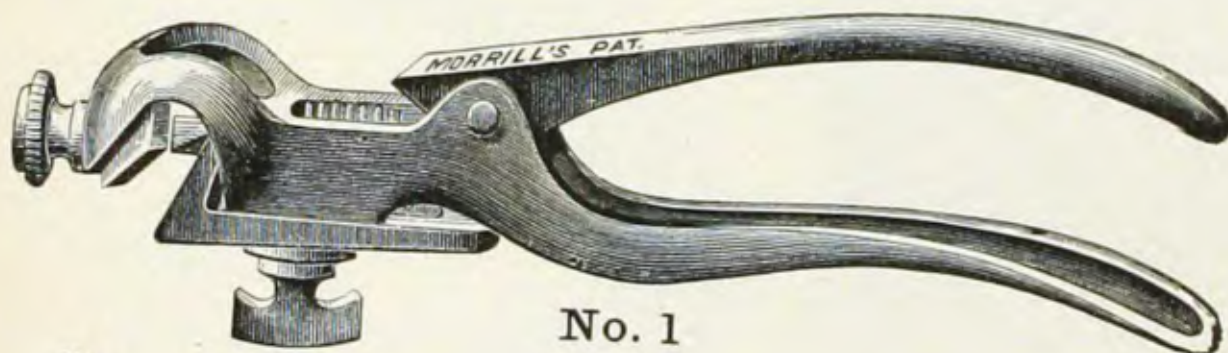


Nos. 3, 4, and 5

No. 3 For Single Tooth Cross-cut and Small Circular Saws, from 20 to 14 Gauge, per dozen, \$18.00

No. 4 For Champion or M Tooth Cross-cut Saws, from 20 to 14 Gauge, per dozen, \$18.00

No. 5 For Board and Timber Saws, from 14 to 6 Gauge, per dozen, \$24.00
Half dozen in a wooden box.



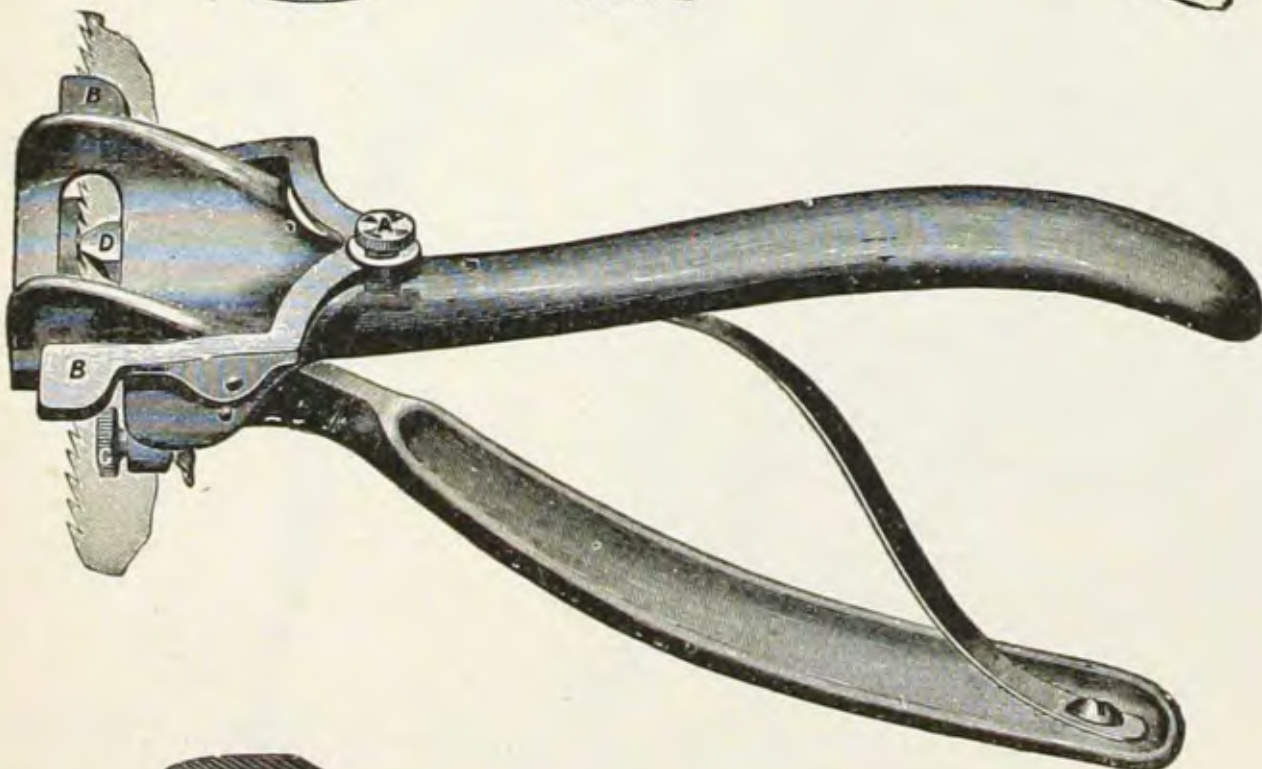
No. 1

MORRILL'S PATTERN

No. 1 For Hand, Band, and Jig Saws, per dozen, \$9.00

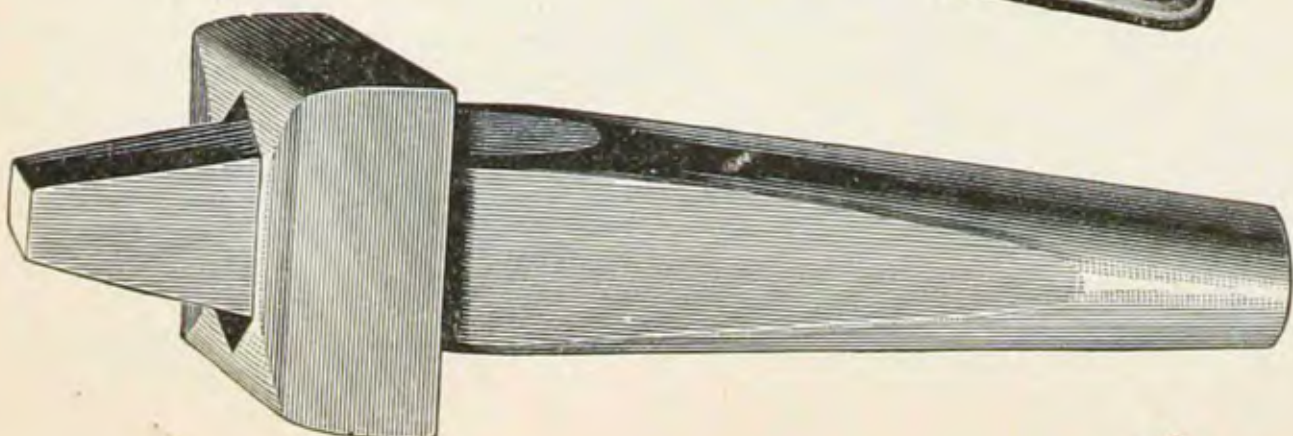
No. 3 For Single Tooth Cross-cut and Small Circular Saws, per dozen, \$15.00

No. 4 For Champion or M Tooth Cross-cut Saws, per dozen, \$15.00



MONARCH SAW SETS

No. 1 Japanned, per dozen, \$8.00
No. 2 Polished, " " 10.00
No. 3 Nickel-plated, " " 12.00



WHITING'S SAW SETS

FOR CROSS-CUT SAWS

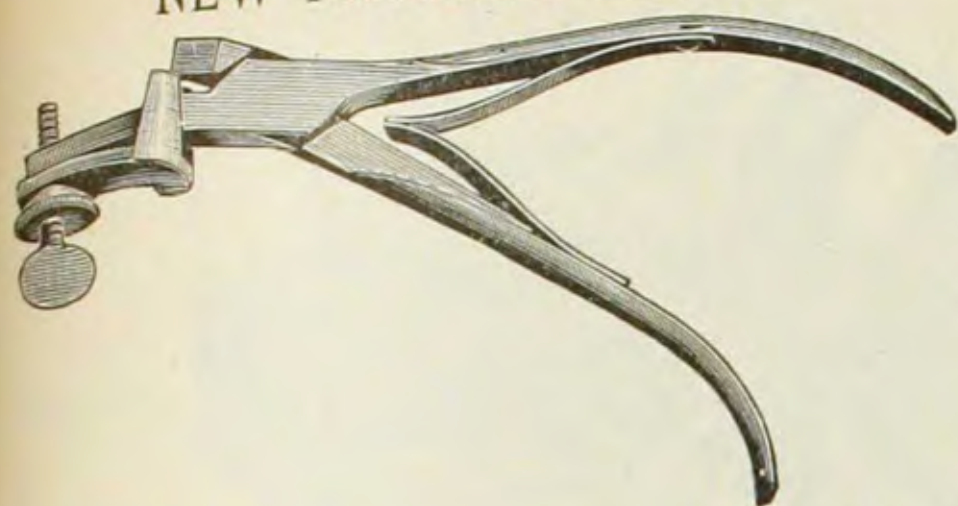
Per dozen, \$9.00

Above, half dozen in a box.



BEMIS & CALL COMPANY'S SAW SETS

NEW PATTERN LEVER



No. 20 With Gauge,
One dozen in a box.

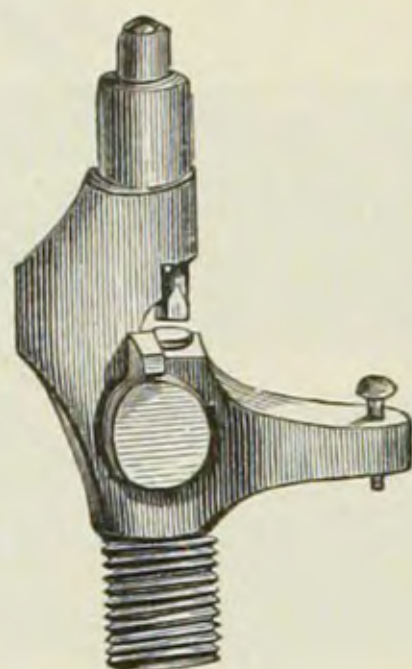
Per dozen.
\$8.25

PLATE



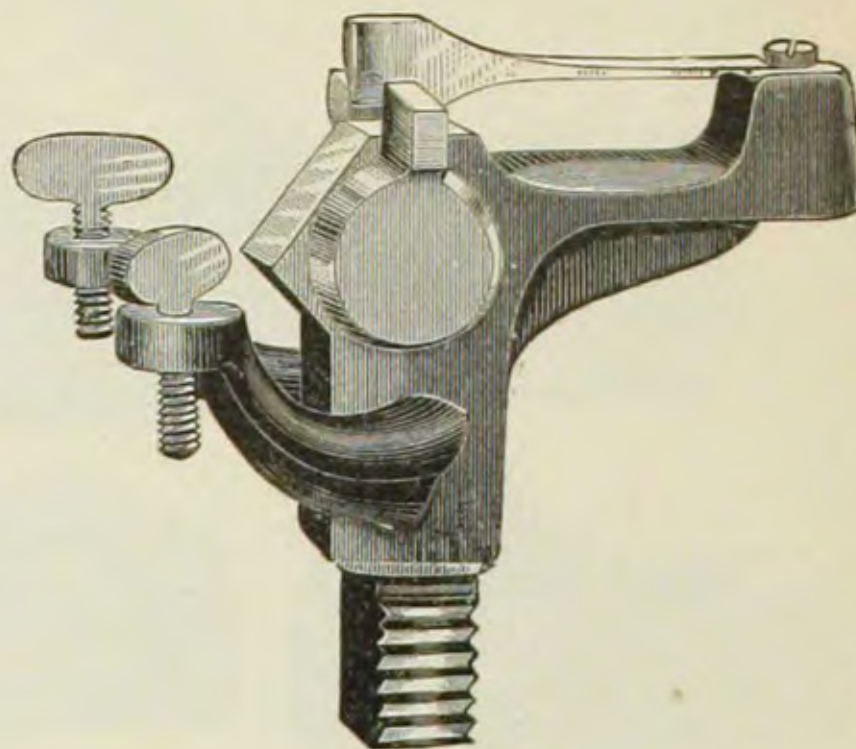
No. 22 Steel, 6 in. long, Hand, Per dozen. \$3.75
No. 25 " 12 " " Cross-Cut, 12.00
One dozen in a box.

NEW PATTERN HAMMER



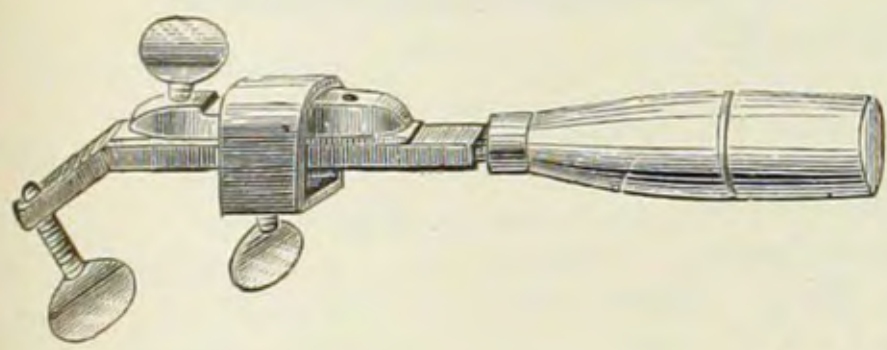
No. 24 Per dozen. \$9.25
Half dozen in a box.

SPRING HAMMER



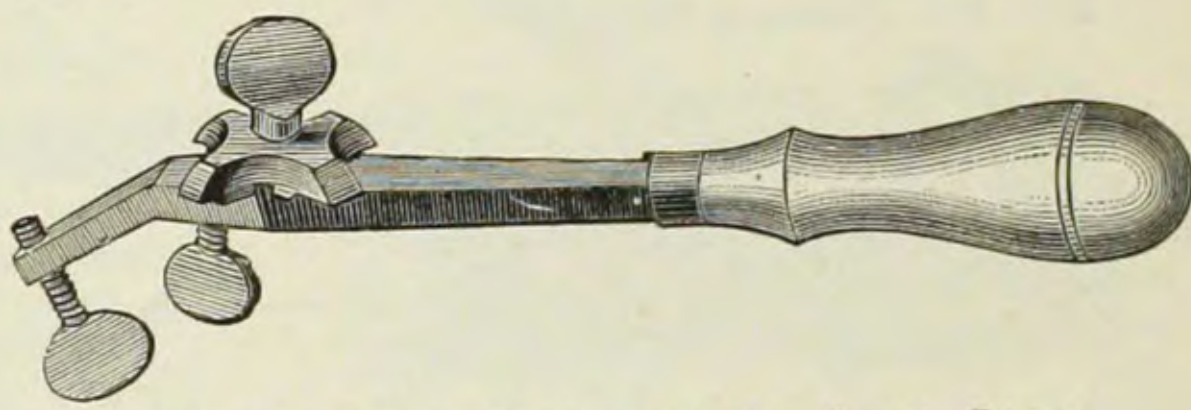
No. 23 Per dozen. \$10.00
Quarter dozen in a box.

LEVER SAW SETS



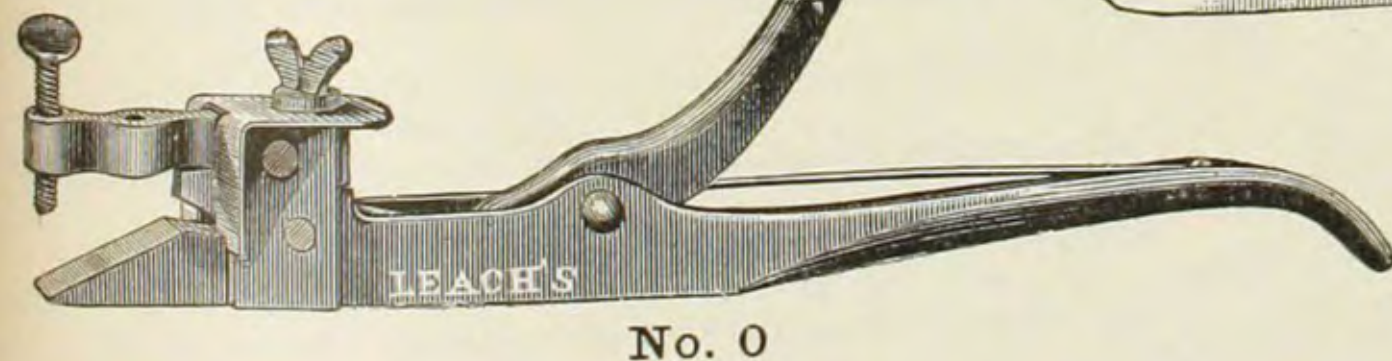
Common Lever Saw Sets,
One dozen in a box.

Per dozen.
\$2.40



IMITATION STILLMAN'S SAW SETS
Hand, per dozen, \$3.25
Cross-Cut, " " 6.50
Hand, one dozen in a box; Cross-Cut, half dozen.

LEACH'S PATENT SAW SETS



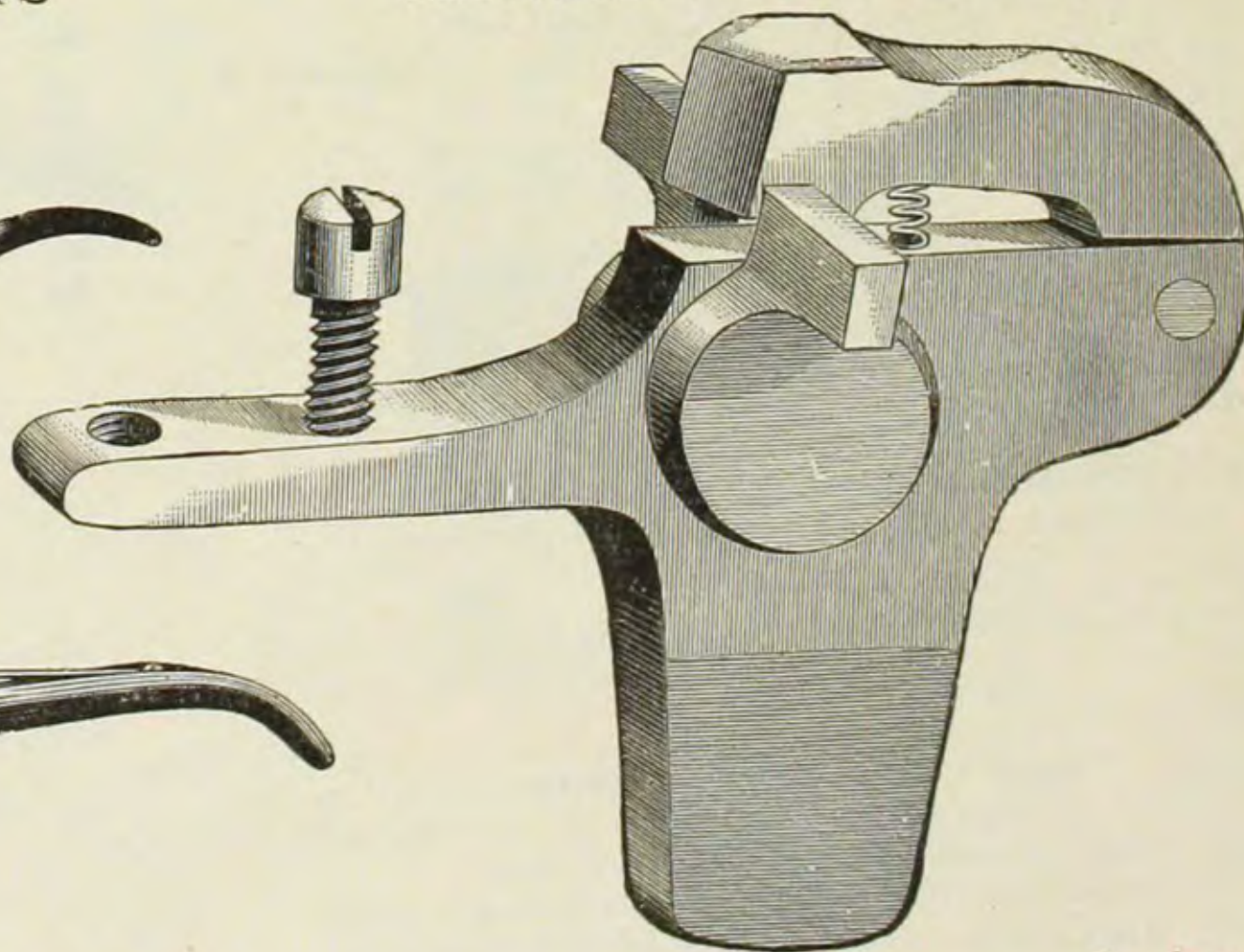
No. 0

No. 0 7 inches long,
No. 1 13 " "

Half dozen in a box.

Per dozen.
per dozen, \$8.00
" " 15.00

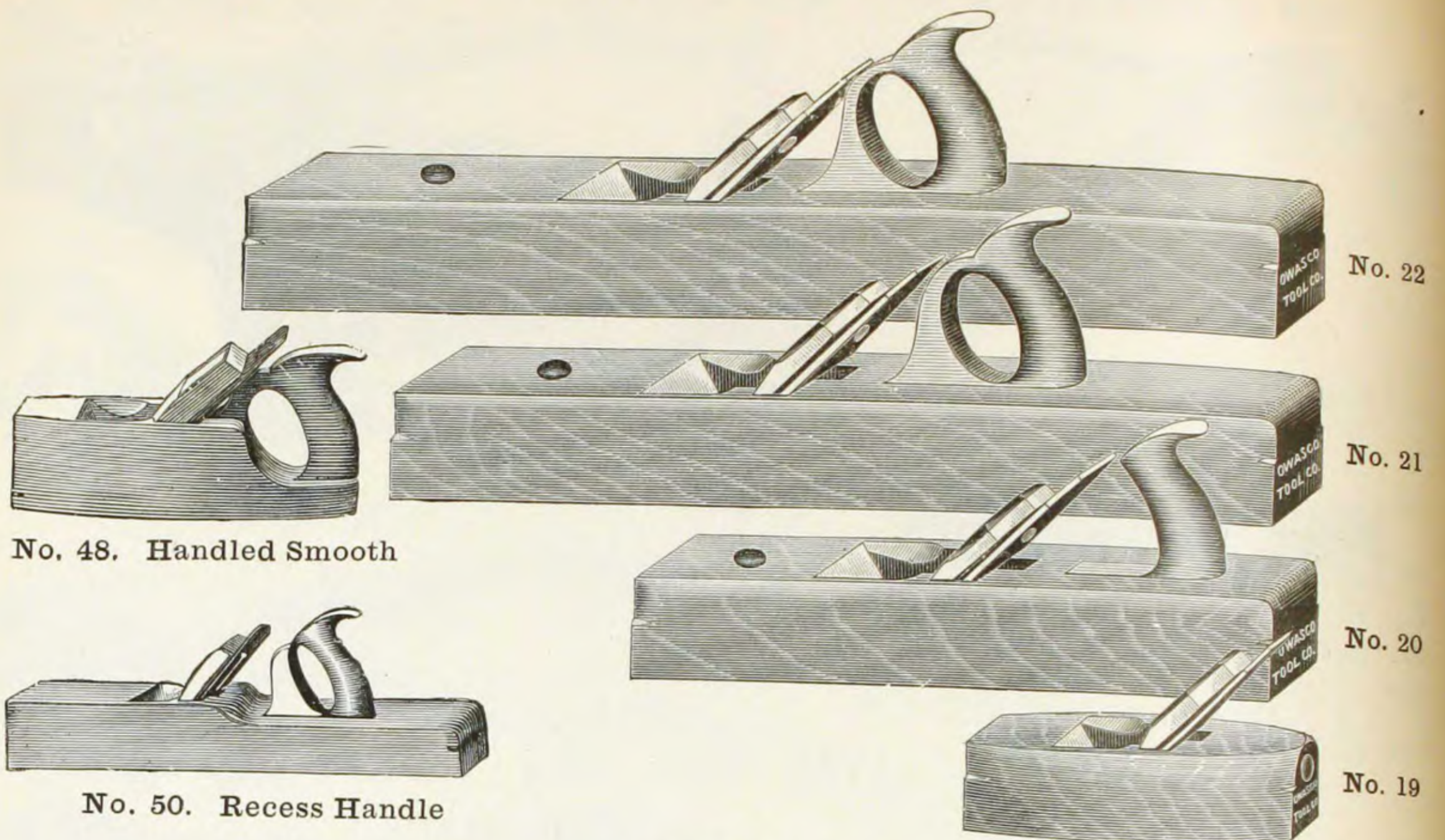
HAMMER SAW SETS



No. 150 Imitation Aiken's, Per dozen. 7.00
Half dozen in a box.



OWASCO TOOL CO.'S BENCH PLANES



No. 48. Handled Smooth

No. 50. Recess Handle

ENSENORE

No.			Single Irons.	Each.	No.			Double Irons.	Each.
1	Smooth Plane,	8 inches,	2, 2 1/8, 2 1/4 inches,	\$0.70	7	Smooth Plane,	8 inches,	2, 2 1/8, 2 1/4 inches,	\$0.90
2	Jack	16 "	2, 2 1/8, 2 1/4 "	.85	8	Jack	16 "	2, 2 1/8, 2 1/4 "	1.00
3	Fore	22 "	2 3/8, 2 1/2, 2 5/8 "	1.10	9	Fore	22 "	2 3/8, 2 1/2, 2 5/8 "	1.40
4	Jointer	26 "	2 1/2, 2 5/8, 2 3/4 "	1.20	10	Jointer	26 "	2 1/2, 2 5/8, 2 3/4 "	1.50
5	"	28 "	2 1/2, 2 5/8, 2 3/4 "	1.30	11	"	28 "	2 1/2, 2 5/8, 2 3/4 "	1.60
6	"	30 "	2 1/2, 2 5/8, 2 3/4 "	1.40	12	"	30 "	2 1/2, 2 5/8, 2 3/4 "	1.75

OWASCO

No.			Single Irons.	Each.	No.			Double Irons.	Each.
13	Smooth Plane,	8 inches,	2, 2 1/8, 2 1/4 inches,	\$0.70	19	Smooth Plane,	8 inches,	2, 2 1/8, 2 1/4 inches,	\$0.90
14	Jack	16 "	2, 2 1/8, 2 1/4 "	.85	20	Jack	16 "	2, 2 1/8, 2 1/4 "	1.00
15	Fore	18, 20, 22 "	2 3/8, 2 1/2, 2 5/8 "	1.10	21	Fore	18, 20, 22 "	2 3/8, 2 1/2, 2 5/8 "	1.40
16	Jointer	26 "	2 1/2, 2 5/8, 2 3/4 "	1.20	22	Jointer	26 "	2 1/2, 2 5/8, 2 3/4 "	1.50
17	"	28 "	2 1/2, 2 5/8, 2 3/4 "	1.30	23	"	28 "	2 1/2, 2 5/8, 2 3/4 "	1.60
18	"	30 "	2 1/2, 2 5/8, 2 3/4 "	1.40	24	"	30 "	2 1/2, 2 5/8, 2 3/4 "	1.75

No.			Each.
42	Boxwood Smooth Plane, Cast Steel Double Irons, 2, 2 1/8, 2 1/4 inches,		\$2.50
48	Handled Smooth Plane, Cast Steel Double Irons, 2, 2 1/8, 2 1/4 inches, Solid Handles,		1.75

RECESS HANDLE PLANES

No.			Each.
48 1/2	Smooth Plane, Cast Steel Double Irons, 2, 2 1/8, 2 1/4 inches,		\$1.50
49	Jack Plane, Cast Steel Double Irons, 2, 2 1/8, 2 1/4 inches,		1.20
50	Fore Plane, 22 inches, Cast Steel Double Irons, 2 3/8, 2 1/2, 2 5/8 inches,		1.60
51	Jointer Plane, 26 inches, Cast Steel Double Irons, 2 1/2, 2 5/8, 2 3/4 inches,		1.75

Smooth and Jack Planes, 36 in a case; Fore Planes, 24; Jointer Planes, 20.

EXTRA QUALITY BOLTED HANDLES

No.			Each.
31	Smooth Plane, Double Irons, 2, 2 1/8, 2 1/4 inches,		\$1.10
32	Jack	" " " 2, 2 1/8, 2 1/4 "	1.25
33	Fore	" 22 inch, Double Irons, 2 1/2, 2 5/8 inches,	2.00
34	Jointer Plane, 26 inches, Double Irons, 2 1/2, 2 5/8, 2 3/4 inches,		2.30

No. 31 has no Handle.

Jack Planes are also furnished, 12, 14, and 18 inches in length, and Jointer Planes, 24 inches in length, to order.



MISCELLANEOUS PLANES, OWASCO TOOL CO.

MITRE PLANES



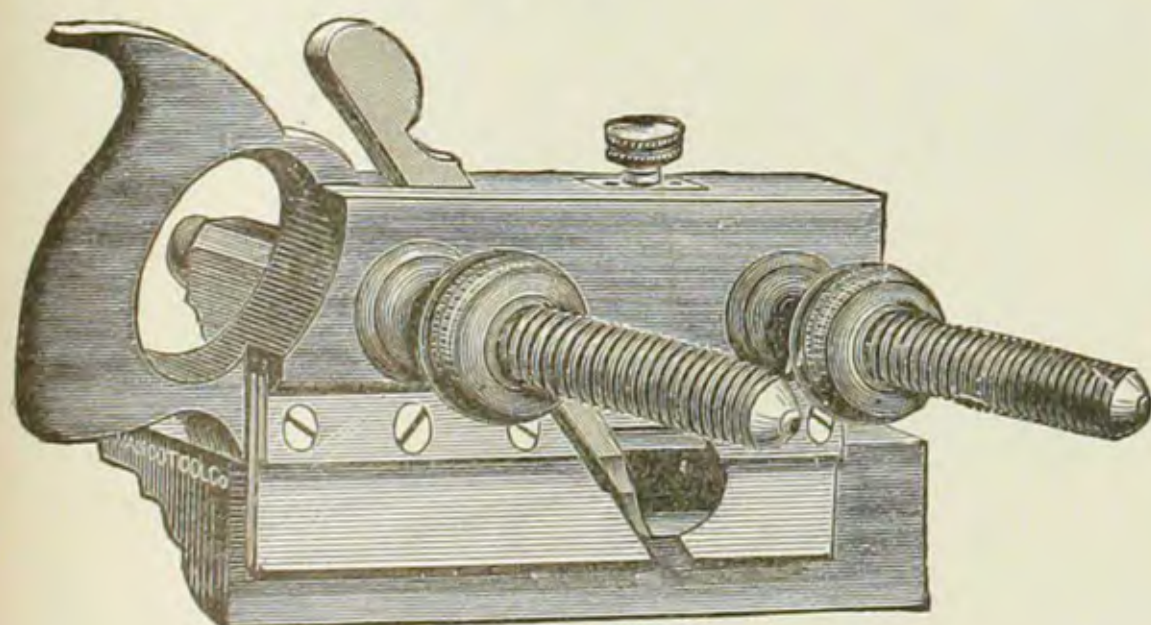
No. 83

No.	Each.
75	Compass Plane, Circular Face, Cast Steel Single Irons, 2, 2 1/8 in., \$1.00
76	Compass Plane, Circular Face, Cast Steel Double Irons, 2, 2 1/8 in., 1.25
77	Gutter Plane, Handled, Cast Steel Single Irons, 2 1/4 in., 1.25
82	Block or Mitre Plane, Sq., " " " 1 3/4 " .75
83	" " " Smooth Shape, Cast Steel, Single Irons, 1 3/4 in., .75
84	Block or Mitre Plane, Smooth Shape, Cast Steel Double Irons, 1 3/4 in., 1.00
86	Pump Plane, 1 1/4 in., 2.75
87	" " 1 1/2 in., 2.75
88	Tooth " Cast Steel Single Irons, 1 3/4, 2, 2 1/8, 2 1/4 in., 1.00
89	German Smooth or Horn Plane, Single Iron, 1 3/4, 2, 2 1/8, 2 1/4 in., 1.10
90	German Smooth or Horn Plane, Double Iron, 1 3/4, 2, 2 1/8, 2 1/4 in., 1.20
91	Spar Plane, 1.00

PANEL PLOWS

WITHOUT HANDLES. 8 IRONS

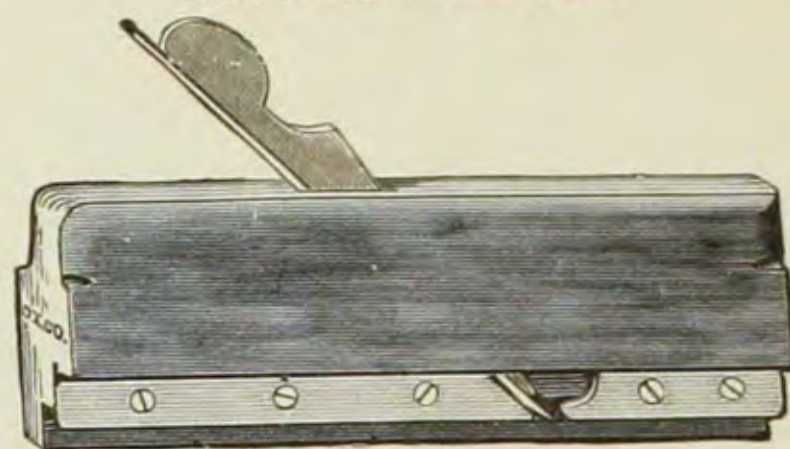
No.	Each.
113	Beech, Applewood Screw Arms, Wood Stop, 4 Irons, Single Plate, \$4.00
114	Beech, Applewood Screw Arms, Wood Stop, Single Plate, 5.00
115	Beech, Applewood Screw Arms, Screw Stop, Single Plate, 5.50
119	Beech, Boxwood Screw Arms, Screw Stop, Mounted Plate, 6.25
120	Beech, Boxwood Screw Arms, Screw Stop, Mounted Plate, Box Fence, 6.60



WITH SOLID HANDLES. 8 IRONS

No.	Each.
124	Beech, Applewood Screw Arms, Screw Stop, Single Plate, \$6.50
125	Beech, Applewood Screw Arms, Screw Stop, Single Plate, Box Fence, 6.85
127	Beech, Boxwood Screw Arms, Screw Stop, Mounted Plate, 7.75
128	Beech, Boxwood Screw Arms, Screw Stop, Mounted Plate, Box Fence, 8.00
129	Boxwood, Boxwood Screw Arms, Screw Stop, Mounted Plate, 10.00
130	Rosewood, Boxwood Screw Arms, Screw Stop, Mounted Plate, 10.00

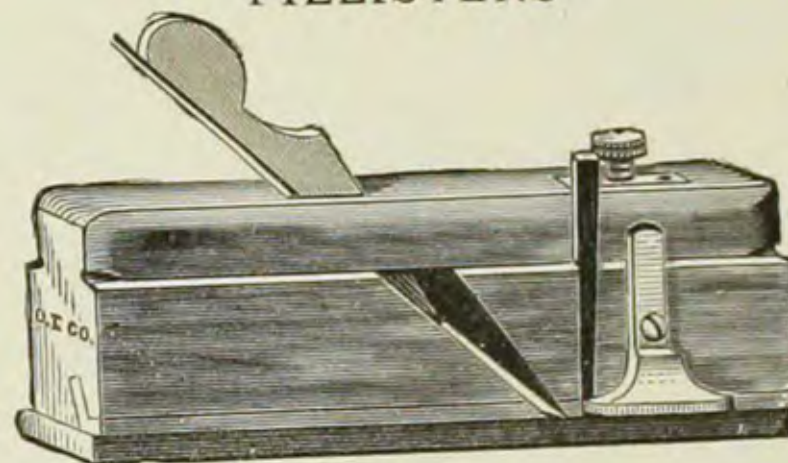
MATCH PLANES



No. 133

No.	Per pair.
132	Board Match, 3/8, 1/2, 5/8, 3/4, 7/8, 1 in., \$1.50
132	" " 1 1/4 in., 2.00
133	" " Iron Faced, 3/8, 1/2, 5/8, 3/4, 7/8, 1 in., 2.00
133	" " " " 1 1/4 in., 2.25
134	" " Solid Handles, 1/2, 5/8, 3/4, 7/8, 1 in., 2.25
134	" " " " 1 1/4 in., 2.75
135	" " Iron Faced, 1/2, 5/8, 3/4, 7/8, 1 in., 2.50
135	Board Match, Solid Handles, Iron Faced, 1 1/4 in., 3.00
136	" " Twin, 3/8, 1/2, 5/8, 3/4, 7/8, 1 in., 1.50
137	" " Iron Faced, 3/8, 1/2, 5/8, 3/4, 7/8, 1 in., 2.00
143	Moving Match, Screw Arms, 3.75

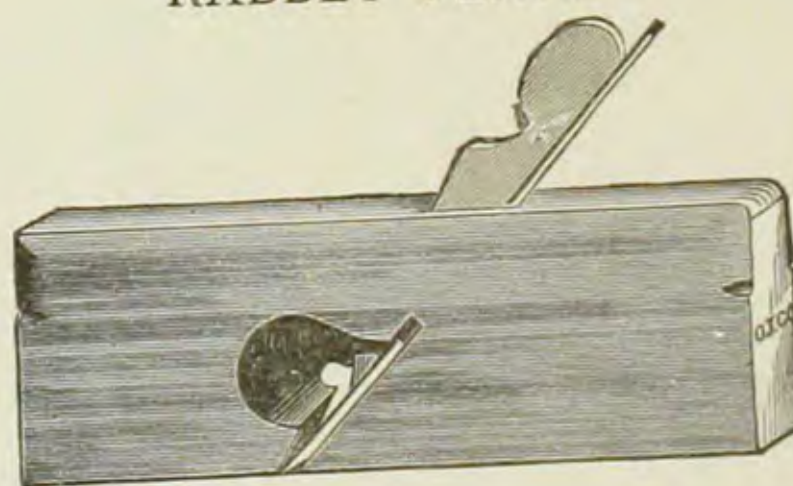
FILLISTERS



No. 149

No.	Each.
145	Brass Side Stop, 1 1/2 in., \$1.25
146	" " " with Cutter, 1 1/2 in., 1.40
147	" " " " Single Boxed, 1 1/2 in., 1.55
148	" " " " Boxed, 1 1/2 in., 1.85
149	" Screw " " " 1 1/2 " 2.50
150	" " " " " Handled, 1 1/2 in., 3.75

RABBIT PLANES



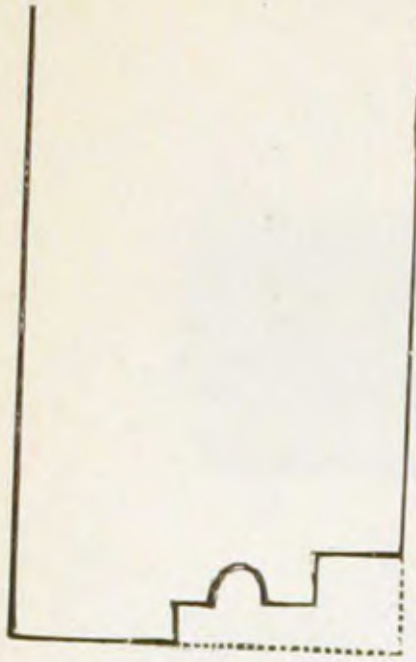
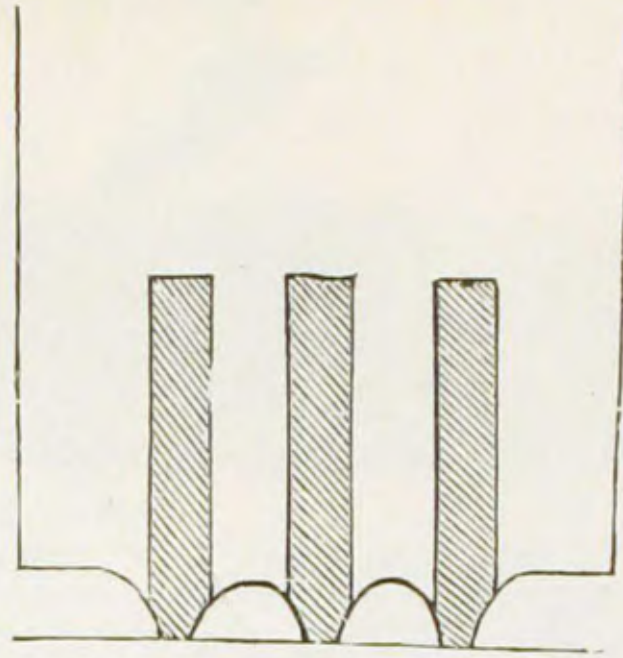
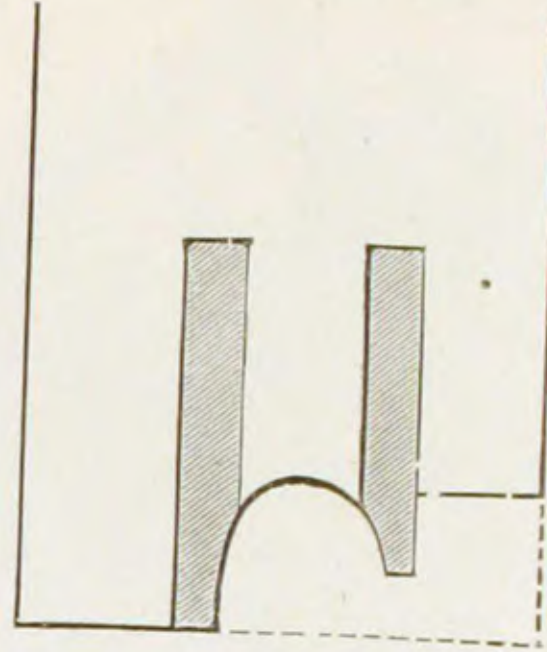
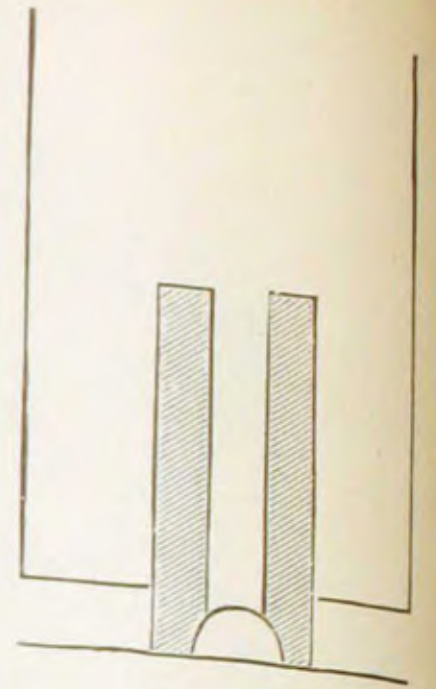
Nos.	201	201	202	203
Inches,	1/4 and 3/8	1/2, 5/8, 3/4, 7/8, and 1	1 1/8 and 1 1/4	1 3/8 and 1 1/2
Each,	\$0.50	.60	.65	.70
Nos.	204	205	206	
Inches,	1 5/8 and 1 3/4	1 7/8 and 2	2 1/8 and 2 1/4	
Each,	\$0.80	.90	1.00	
With Cutter, add to List Prices,			each, \$0.15	
" " and Boxed, add to List Prices,			" .45	
Skew Rabbits will be sent unless Square are ordered.				

HANDLED RABBIT PLANES

No.	Each.
208	15 inches, Center Handle, 2 Cutters, 1 1/4, 1 1/2, 1 3/4, 2 inches, \$1.70
208 1/2	16 " " " 2 " 2 1/4 and 2 1/2 " 2.00
209	15 " Side " 2 " 1 1/4, 1 1/2, 1 3/4, 2 " 1.90
209 1/2	16 " " " 2 " 2 1/4 and 2 1/2 " 2.20



MISCELLANEOUS PLANES, OWASCO TOOL CO.

No. 212
AstragalsNo. 235
Reeding PlanesNo. 222
Double Box BeadsNo. 231
Center Beads

ASTRAGALS

No.	
212	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inch,
213	$\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ "

REEDING PLANES

Each.	No.		Each.
\$1.50	234	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, To make 1 Bead, \$1.50	
2.00	235	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, " " 2 " 1.50	
	236	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, " " 3 " 1.90	
	237	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, " " 4 " 2.30	

SINGLE BOXED

No.	
215	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$ inch,
216	$\frac{3}{8}$, $\frac{1}{2}$ "
217	$\frac{5}{8}$, $\frac{3}{4}$ "
218	$\frac{7}{8}$ "
219	1 "
220	$1\frac{1}{8}$, $1\frac{1}{4}$ "

BEAD PLANES

Each.	No.	
\$0.50	226	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$ inch,
.50	227	$\frac{3}{8}$, $\frac{1}{2}$ "
.55	228	$\frac{5}{8}$, $\frac{3}{4}$ "
.70	229	$\frac{7}{8}$, 1 "
.70	230	$1\frac{1}{4}$ "
.90		

FULL BOXED

Each.
\$0.70
.80
.90
1.00
1.10

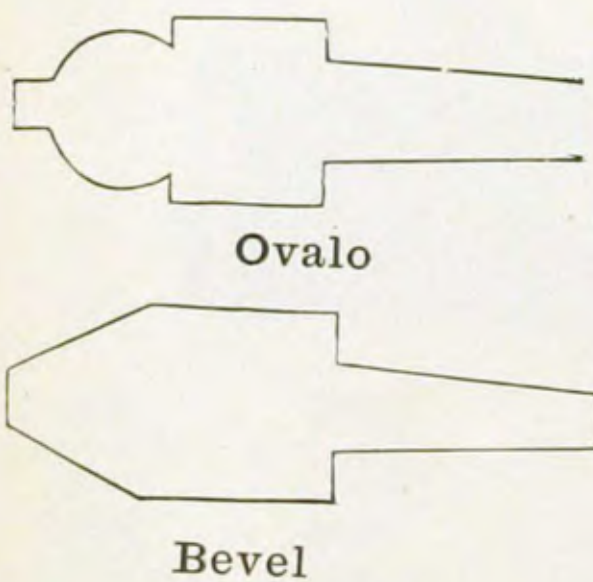
DOUBLE BOXED

No.	
222	$\frac{1}{8}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$ inch,
223	$\frac{5}{8}$, $\frac{3}{4}$ "
224	$\frac{7}{8}$, 1 "
225	$1\frac{1}{4}$ "
225	$1\frac{1}{2}$ "

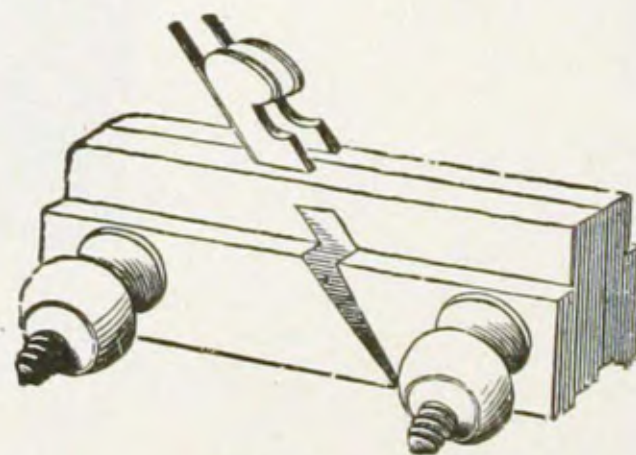
CENTER BEAD

Each.	No.	
\$0.60	231	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$ inch,
.65	232	$\frac{5}{8}$, $\frac{3}{4}$ "
.80	233	$\frac{7}{8}$, 1 "
1.00		
1.10		

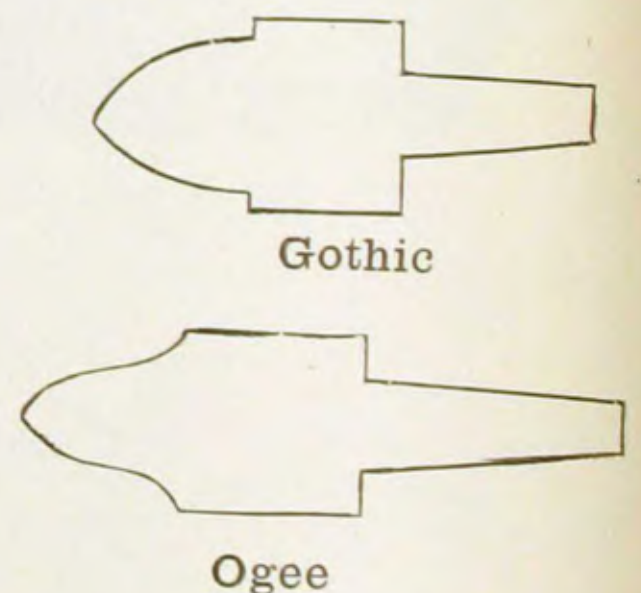
Each.
\$0.60
.65
.80



SASH PLANES



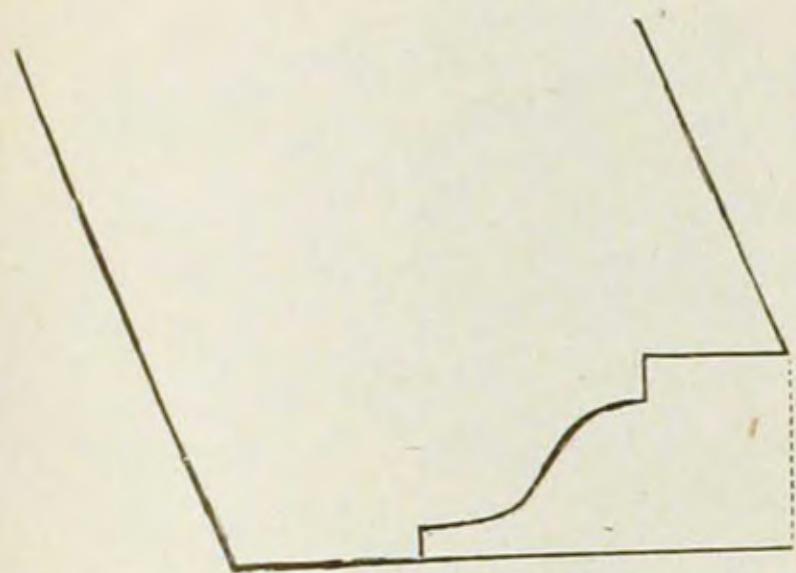
No. 174



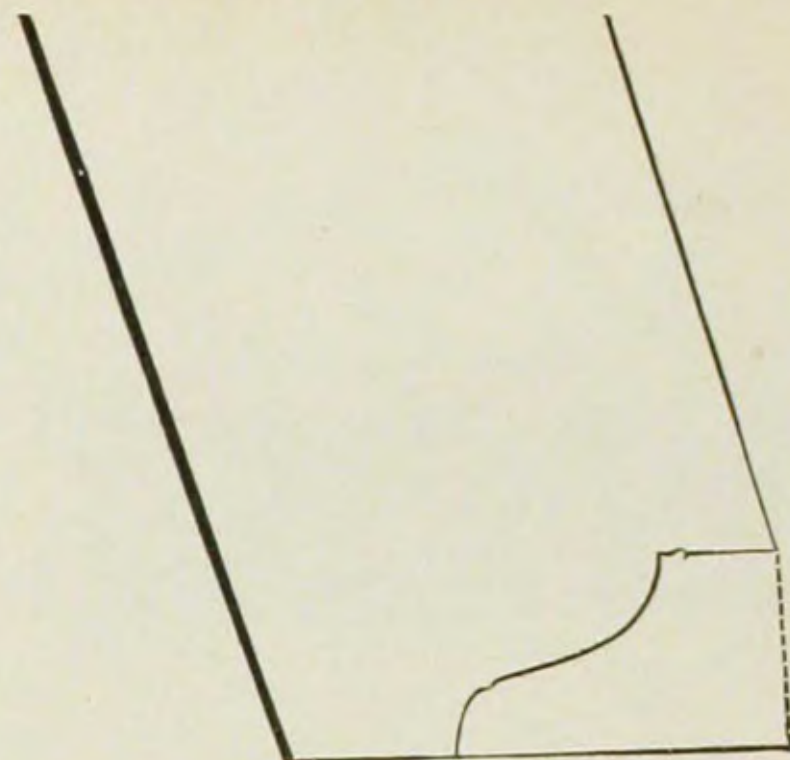
No.	
163	1 Iron, Ovalo Pattern,
164	1 " Bevel "
165	1 " Gothic "
166	2 " Ovalo "
167	2 " Bevel "
168	2 " Gothic "
169	2 " Ogee "

Each.	No.		Each.
\$0.60	172	Double Screw Arms, Ovalo Pattern,	\$1.75
.60	173	" " " Gothic "	1.75
.60	174	" " " Bevel "	1.75
1.00	175	" " " Ogee "	1.75
1.00	176	" " " Ovalo "	1.75
1.00	177	" " " Bevel " Self-regulating,	1.75
1.00	178	" " " Gothic " " " "	1.75
	179	" " " Ogee " " " "	1.75

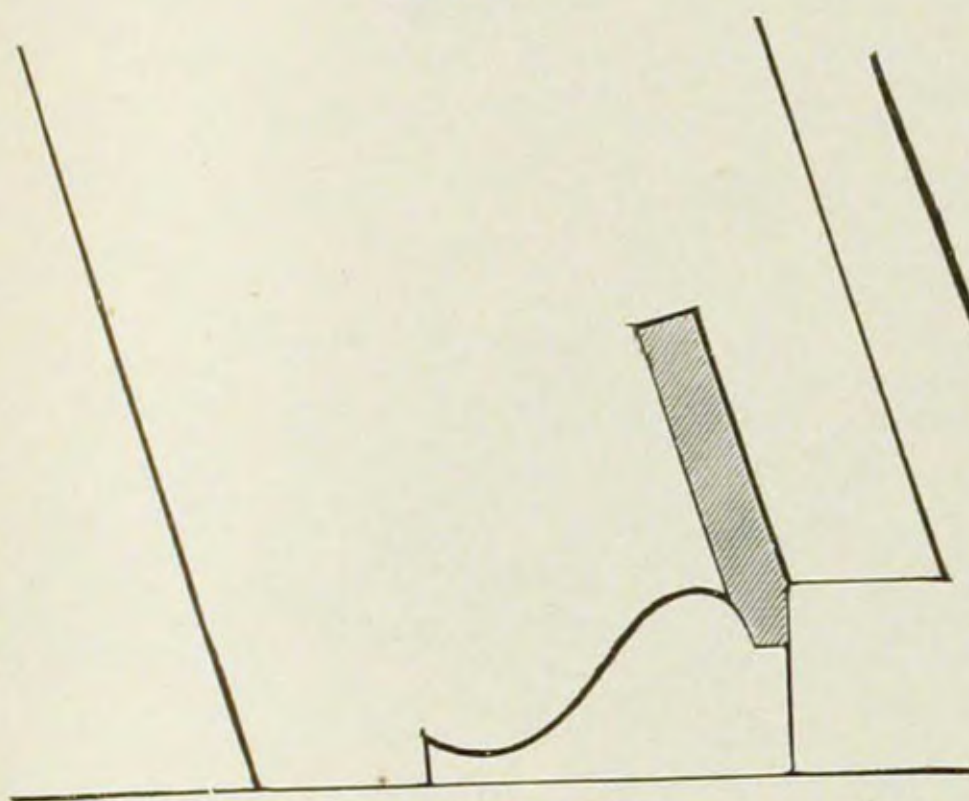




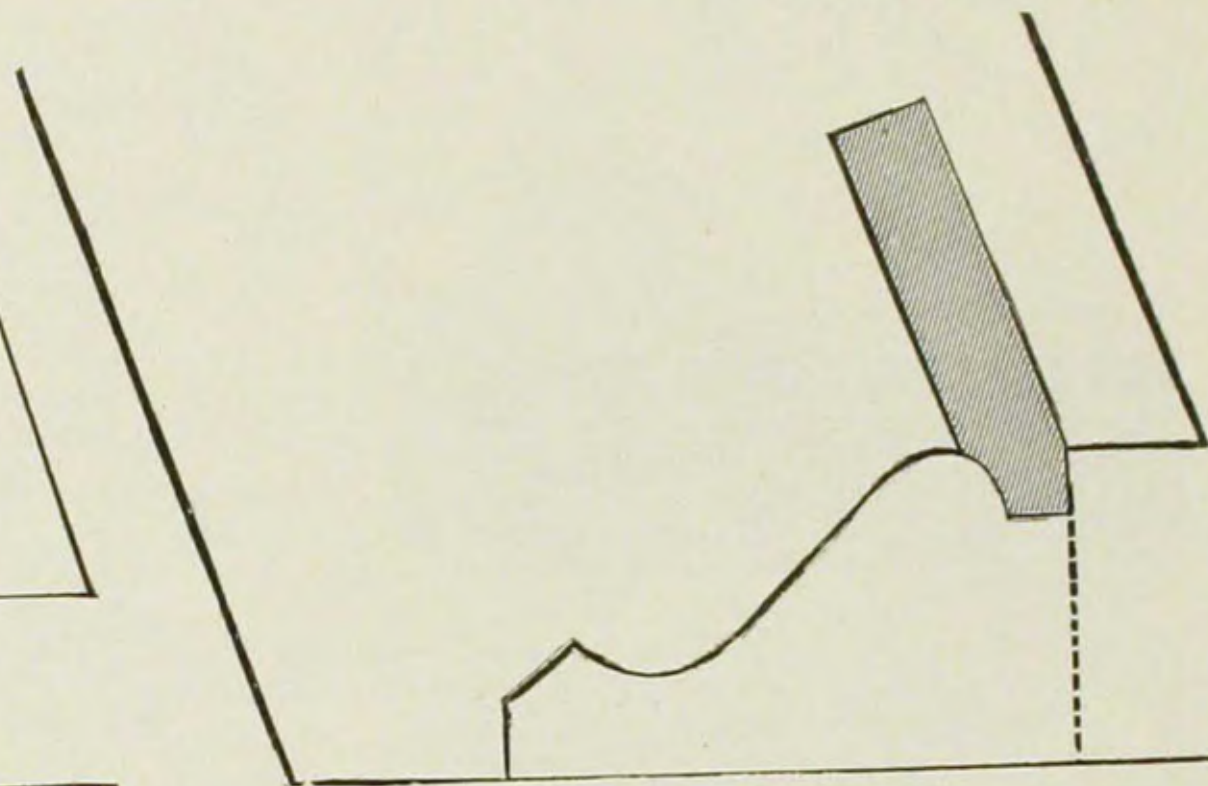
No. 250



No. 260

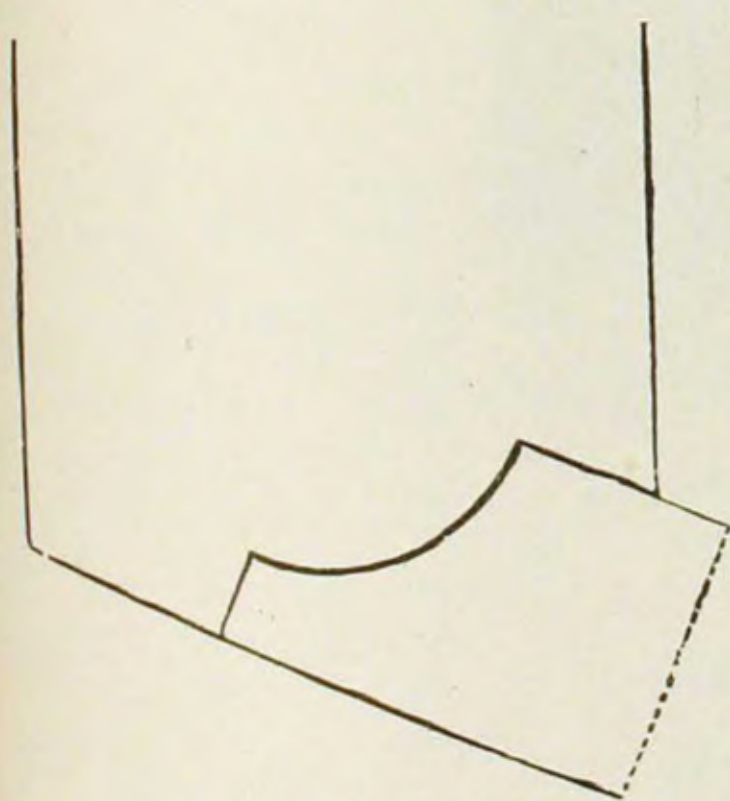


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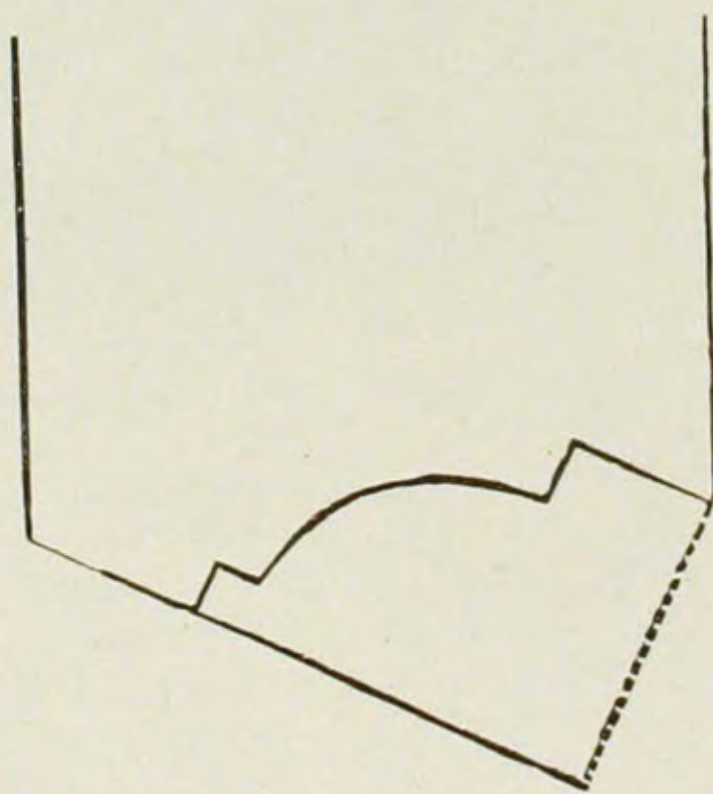


No. 268

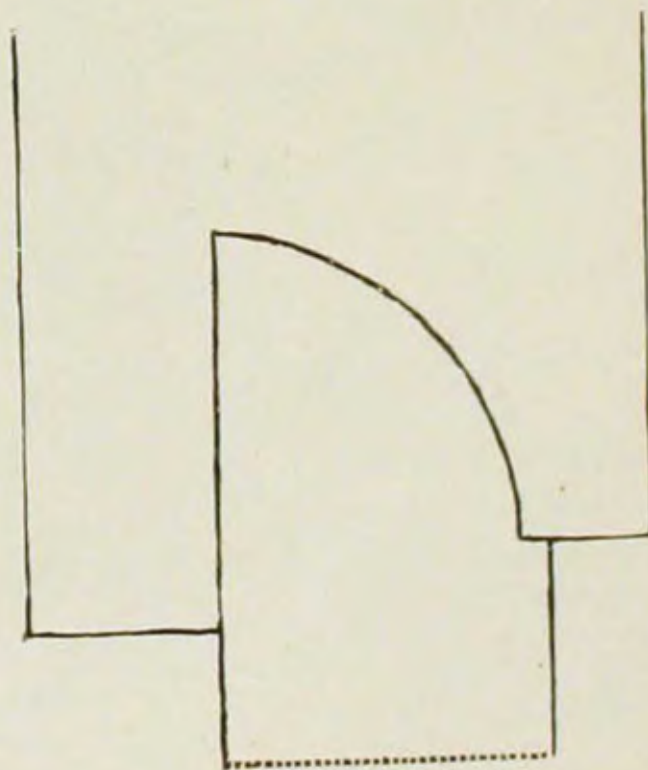
	Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
No. 250	Plain Ogee,	\$0.65	.65	.65	.65	.65	.65	.85	.85	1.00	1.00
No. 260	Roman Reverse Ogee,	.75	.75	.75	.85	.85	.85	1.00	1.15		
No. 262	Grecian Ogee,	.75	.75	.75	.75	.75	.75	.90	.90	1.10	1.10
No. 268	" " and Bevel,	.75	.75	.75	.75	.75	.75	1.05	1.05	1.25	1.25



No. 311



No. 316



No. 317 1/2

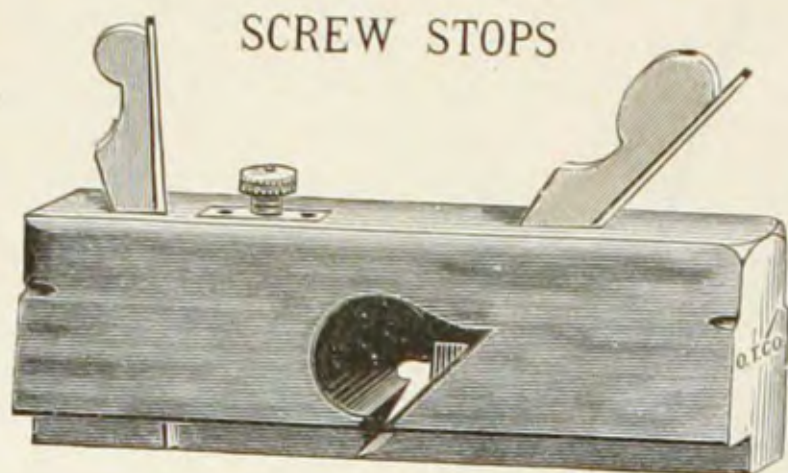
No. 310	Coves $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, and $\frac{3}{4}$ inch,	each, \$0.50
No. 311	" $\frac{7}{8}$, and 1 inch,	" .65
No. 315	Quarter Round or Scotia, $\frac{3}{8}$, $\frac{1}{2}$, and $\frac{5}{8}$ inch,	" .50
No. 316	" " " " $\frac{3}{4}$, $\frac{7}{8}$, " 1 "	" .65
No. 316	" " " " $1\frac{1}{4}$ inch,	" .75
No. 317	" " with Fence or Casing Moulding, $\frac{1}{2}$, $\frac{5}{8}$, and $\frac{3}{4}$ inch,	" .80
No. 317 1/2	" " " " " $\frac{7}{8}$, and 1 inch,	" .90



MISCELLANEOUS PLANES, OWASCO TOOL CO.

DADO PLANES

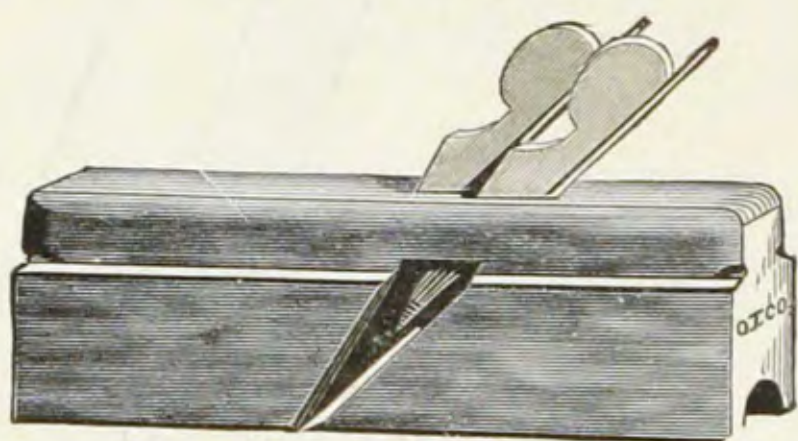
SCREW STOPS



No. 210

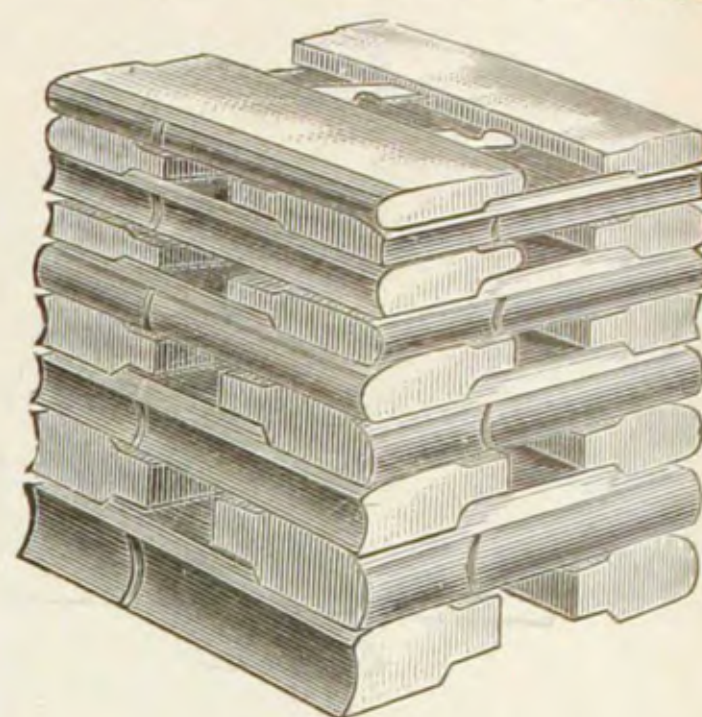
- No. 210 $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{7}{8}$, and 1 inch, each, \$1.50
 No. 211 $\frac{1}{8}$, $\frac{1}{4}$, and $\frac{1}{2}$ inch, " 1.60

STEP NOSINGS



- No. 318 2 Irons, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, and $1\frac{1}{4}$ inch, each, \$1.10
 No. 318½ 2 " Handled, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, " 1.50
 No. 319 2 " $1\frac{3}{8}$ and $1\frac{1}{2}$ inch, " 1.20
 No. 319½ 2 " Handled, $1\frac{3}{8}$ and $1\frac{1}{2}$ inch, " 1.75

HOLLOWS AND ROUNDS

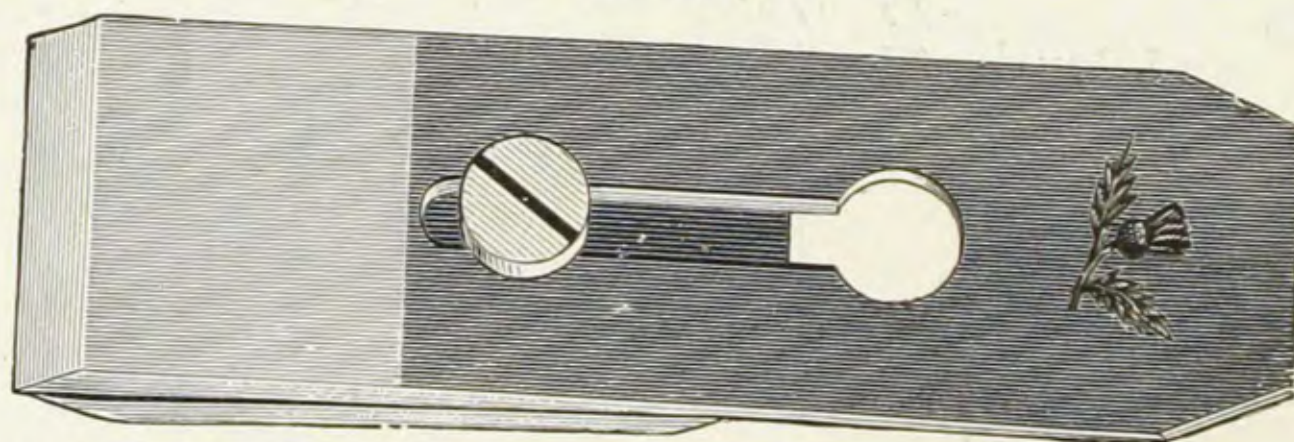


Nos.	325	326	327	328
Nos.	2	4	6	8
Circle, inches,	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1
Per pair,	\$1.00	1.00	1.00	1.00
Nos.	329	330	331	332
Nos.	10	12	14	16
Circle, inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per pair,	\$1.00	1.00	1.15	1.15
Nos.	333	334	335	336
Nos.	18	20	22	24
Circle, inches,	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$
Per pair,	\$1.35	1.35	1.75	1.75

No. 337 set of 9 Pairs, Nos. 2 to 18, inclusive, per set, \$9.65

CAST STEEL PLANE IRONS

WARRANTED



CAST STEEL PLANE IRONS. CUT

Size, inches,	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$
Per dozen,	\$2.25	2.25	2.25	2.38	2.50	2.63	2.88
Size, inches,		$2\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{5}{8}$	$2\frac{3}{4}$	$2\frac{7}{8}$	3
Per dozen,		\$3.13	3.38	3.63	4.00	4.50	5.00

Assorted, 2 to $2\frac{1}{2}$ inch,

Cast Steel Plow Bits,

" " Match Plane Bits,

CUT

per dozen, \$3.00

CAST STEEL PLANE IRONS. DOUBLE

Size, inches,	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$
Per dozen,	\$3.75	3.75	4.00	4.00	4.13	4.25	4.50
Size, inches,		$2\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{5}{8}$	$2\frac{3}{4}$	$2\frac{7}{8}$	3
Per dozen,		\$4.75	5.25	5.50	6.50	7.00	7.50

Assorted, 2 to $2\frac{1}{2}$ inch,

per dozen, \$4.50

per set of 8, \$1.50

" dozen, 1.50

Any description of Moulding or other Plane Irons furnished to order.

PLANE IRONS FOR BAILEY'S AND STANLEY'S PLANES

SINGLE IRONS

Size, inches,	$1\frac{1}{4}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2	$2\frac{1}{8}$	$2\frac{3}{8}$	$2\frac{5}{8}$
Each,	\$0.20	.25	.28	.30	.33	.37	.40

DOUBLE IRONS

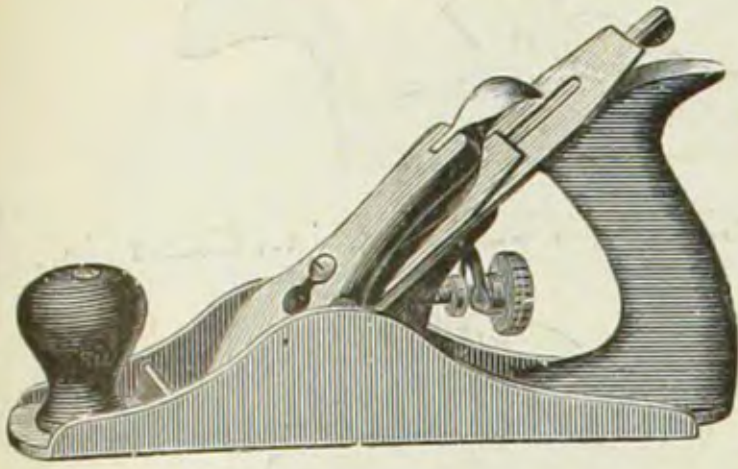
Size, inches,	$1\frac{1}{4}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2	$2\frac{1}{8}$	$2\frac{3}{8}$	$2\frac{5}{8}$
Each,	\$0.40	.45	.50	.55	.60	.65	.70

In ordering above Irons, state the number of Plane for which they are required.



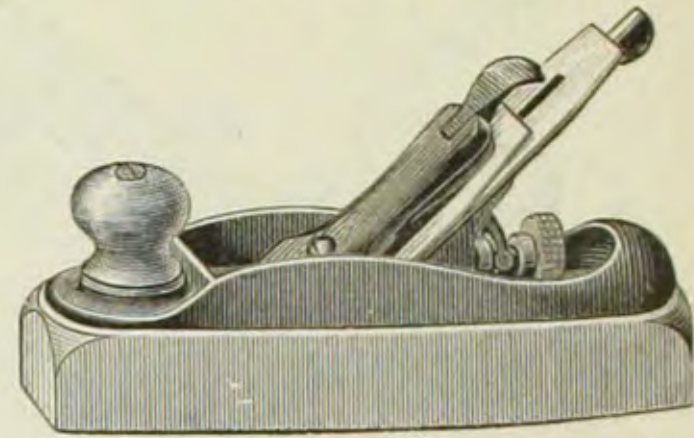
BAILEY'S PATENT ADJUSTABLE PLANES

IRON PLANES

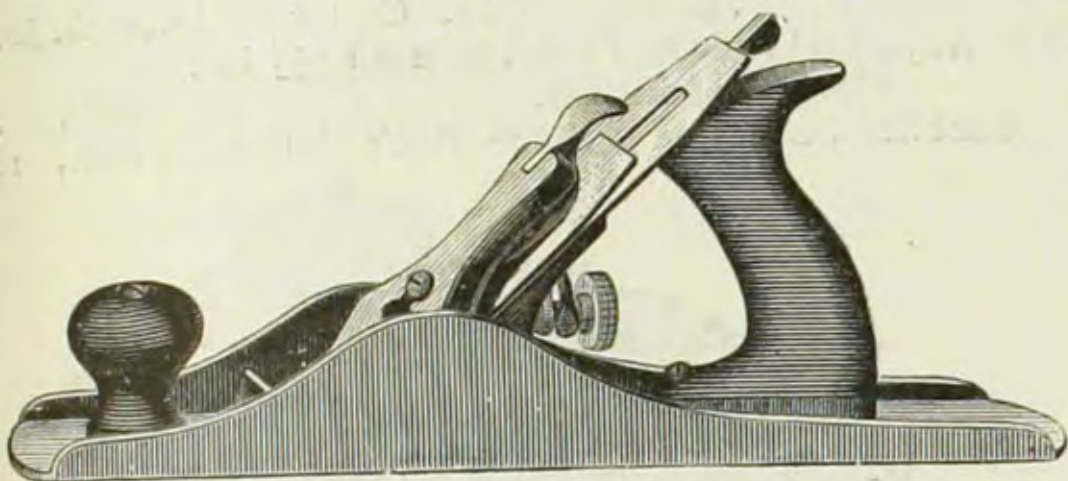


All Nos. of BAILEY'S Smooth, Jack, Fore, or Jointer Planes (both Iron and Wood) have Stanley's Patent Lever for the adjustment of the Cutter, side-wise.

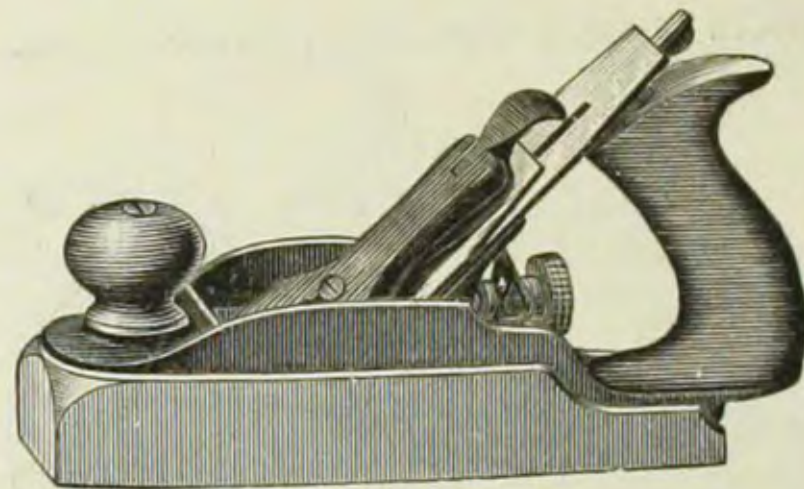
WOOD PLANES



No.	Each.	No.	Each.
1 Smooth Plane, Length 5½ in., Cutter 1¼ in.,	\$2.25	21 Smooth Plane, Length 7 in., Cutter 1¾ in.,	\$2.00
2 " " " 7 " " 1⅝ "	2.75	22 " " " 8 " " 1¾ "	2.00
3 " " " 8 " " 1¾ "	3.00	23 " " " 9 " " 1¾ "	2.00
4 " " " 9 " " 2 "	3.25	24 " " " 8 " " 2 "	2.00
4½ " " " 10 " " 2⅜ "	3.75	25 Block, " " 9½ " " 1¾ "	2.00

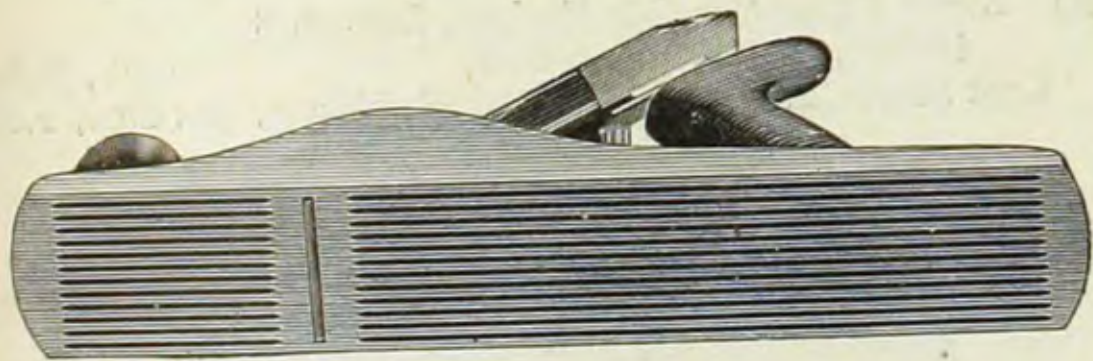


No.	Each.
5 Jack Plane, Length 14 in., Cutter 2 in.,	\$3.75
5½ " " " 15 " " 2¼ "	4.25
6 Fore " " 18 " " 2⅜ "	4.75
7 Jointer " " 22 " " 2⅜ "	5.50
8 " " " 24 " " 2⅝ "	6.50

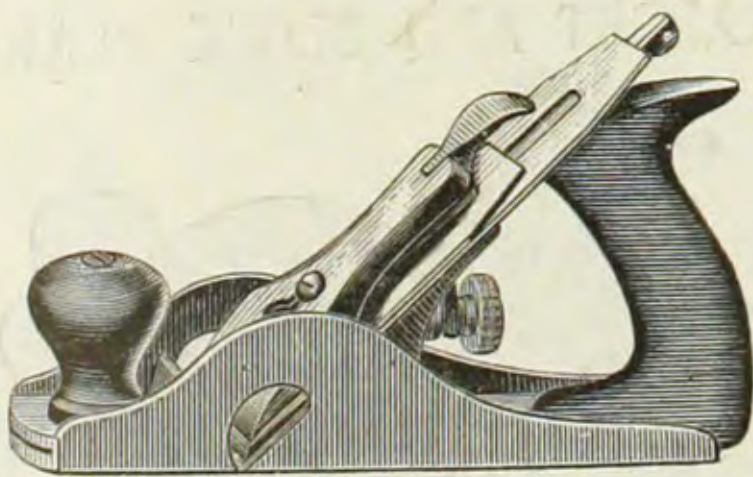
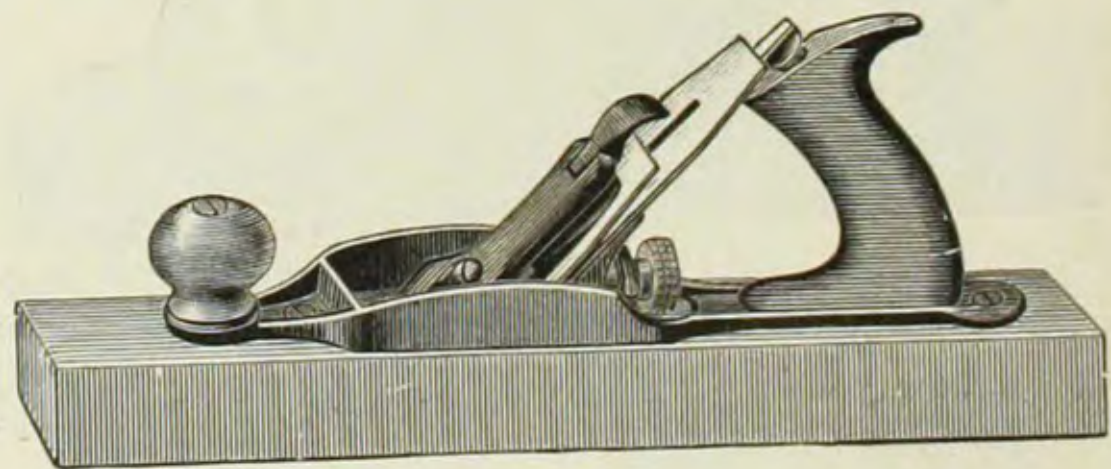


No.	Each.
35 Handle, Smooth, Length 9 in., Cutter 2 in.,	\$2.50
36 " " " 10 " " 2⅜ "	2.75
37 Jenny, " " 13 " " 2⅝ "	3.00

CORRUGATED PLANES



Planes, Nos. 3, 4, 4½, 5, 5½, 6, 7, and 8, with Corrugated Bottoms, will be furnished without additional expense, if so ordered.

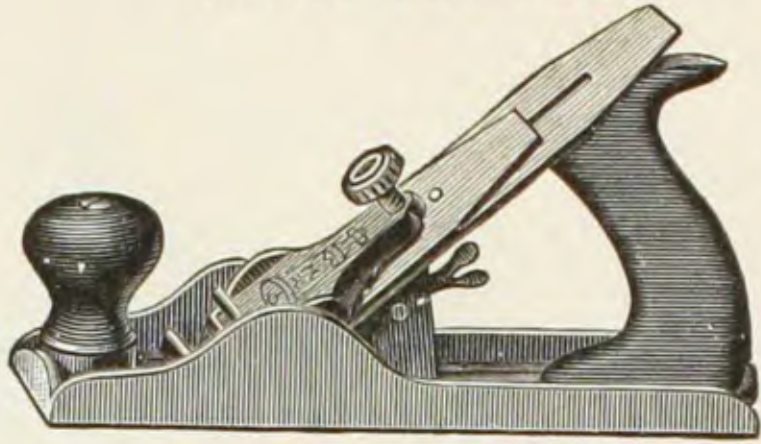


No.	Each.	No.	Each.
10 Carriage Makers' Rabbit Plane, Length 13 inches, Cutter 2⅛ inches,	\$4.50	26 Jack Plane, Length 15 in., Cutter 2 in.,	\$2.25
10½ Carriage Makers' Rabbit Plane, Length 9 inches, Cutter 2⅛ inches,	3.75	27 " " " 15 " " 2⅛ "	2.50
		27½ " " " 15 " " 2¼ "	2.75
		28 Fore " " 18 " " 2⅜ "	2.75
		29 " " " 20 " " 2⅜ "	2.75
		30 Jointer " " 22 " " 2⅜ "	3.00
		31 " " " 24 " " 2⅜ "	3.00
		32 " " " 26 " " 2⅝ "	3.25
		33 " " " 28 " " 2⅝ "	3.25
		34 " " " 30 " " 2⅝ "	3.50



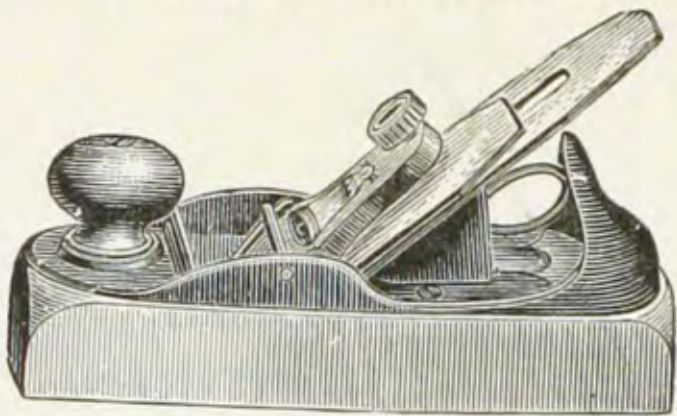
THE STANLEY ADJUSTABLE PLANES

STEEL PLANES

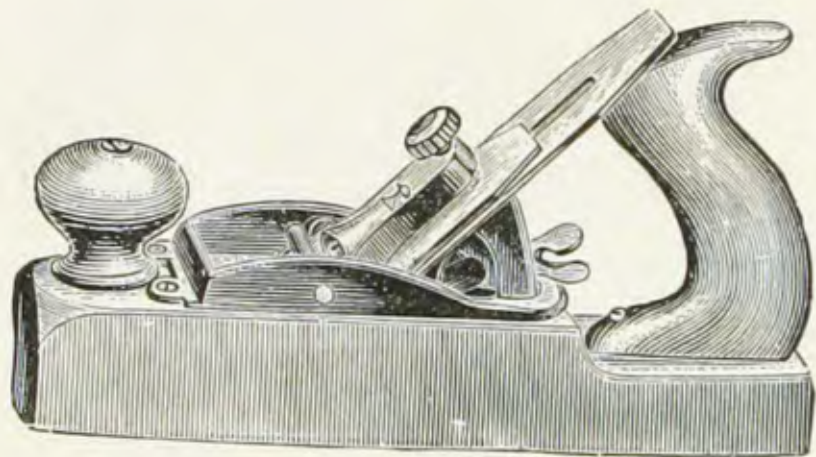


- No. 104 Smooth Plane, Length 9 in., Cutter $2\frac{1}{8}$ in., Each. \$2.75
 105 Jack " " 14 " " $2\frac{1}{8}$ " 3.50

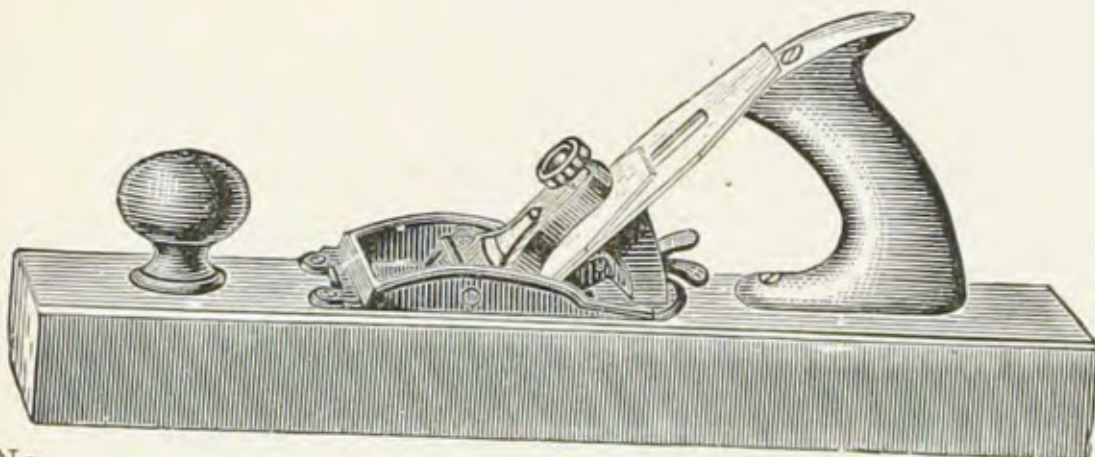
WOOD PLANES



- No. 122 Smooth Plane, Length 8 in., Cutter $1\frac{3}{4}$ in., Each. \$1.50

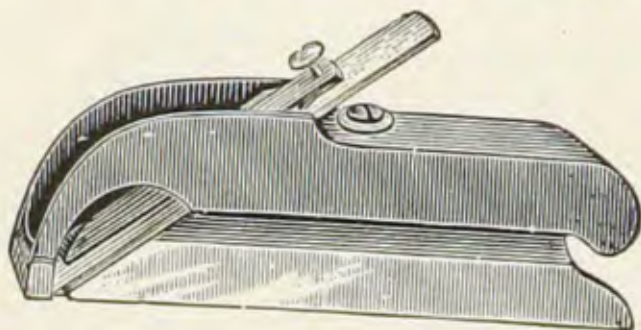


- No. 135 Handled Smooth, Length 10 in., Cutter $2\frac{1}{8}$ in., Each. \$2.00



- No. 127 Jack Plane, Length 15 in., Cutter $2\frac{1}{8}$ in., Each. \$2.00
 129 Fore " " 20 " " $2\frac{3}{8}$ " 2.25
 132 Jointer " " 26 " " $2\frac{5}{8}$ " 2.50

BULL-NOSE RABBIT PLANES

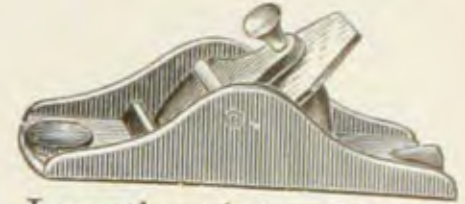


- No. 75 Iron Stock, Length 4 in., Cutter 1 in., each, \$0.50
 Cast Steel Cutters, per dozen, 1.20

IRON BLOCK PLANES



- No. 100 Block Plane, H'ndl'd, Length $3\frac{1}{2}$ in., Cutter 1 in., Each. \$0.25



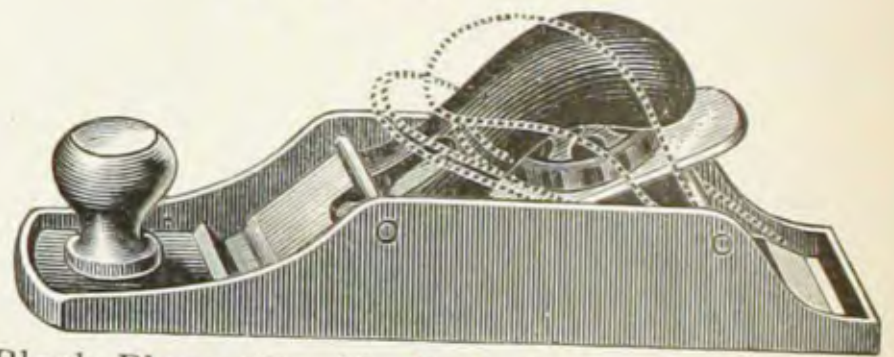
- No. 101 Block Plane, Length $3\frac{1}{2}$ in., Cutter 1 in., each, \$0.20
 Cast Steel Cutters for above Block Planes, per doz., .75



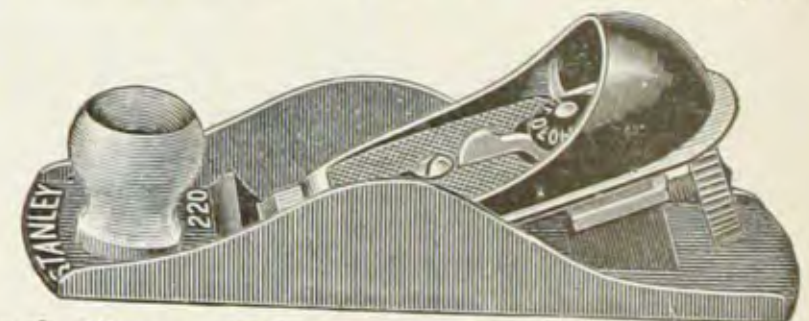
- No. 102 Block Plane, Length $5\frac{1}{2}$ in., Cutter $1\frac{1}{4}$ in., each, \$0.40
 103 Adjustable Block Plane, Length $5\frac{1}{2}$ in., Cutter $1\frac{1}{4}$ inches, each, .60
 Cast Steel Cutters for above Block Planes, per doz., 1.50



- No. 110 Block Plane, Length $7\frac{1}{2}$ in., Cutter $1\frac{3}{4}$ in., Each. \$0.60
 120 " " Adjustable, Length $7\frac{1}{2}$ in., Cutter $1\frac{3}{4}$ inches, .85

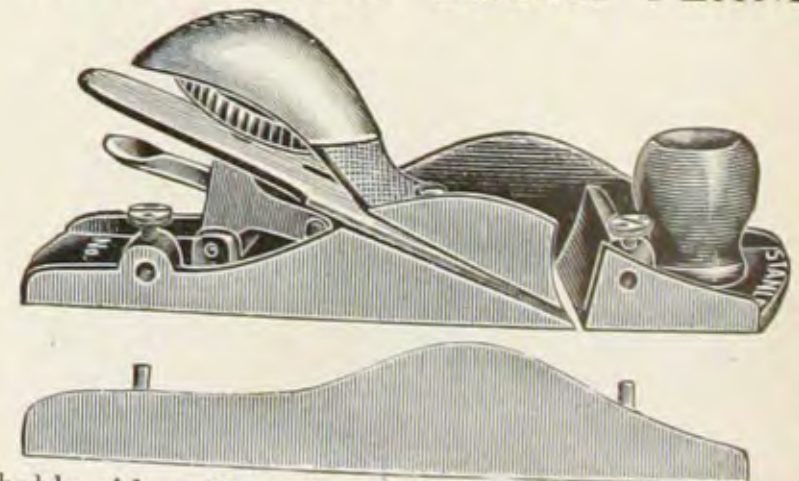


- No. 130 Block Plane (Double End), Length 8 inches, Cutter $1\frac{3}{4}$ inches, each, \$0.80
 Cast Steel Cutters for above Block Planes, per doz., 2.00



- No. 220 Block Plane, Adjustable, Length $7\frac{1}{2}$ inches, Cutter $1\frac{3}{4}$ inches, Each. \$0.85

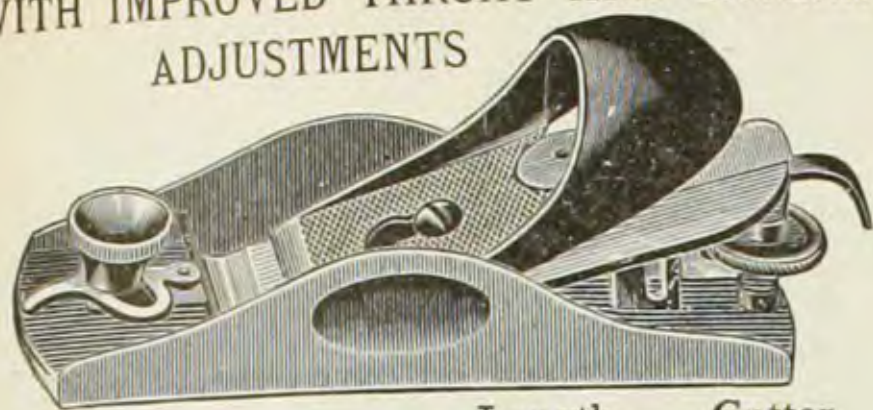
RABBIT AND BLOCK PLANE



- A detachable side will easily change this Tool from a Block Plane to a Rabbit Plane, or vice versa. The Cutter is set on a skew.
 No. 140 Rabbit and Block Plane, with detachable side, Length 7 inches, Cutter $1\frac{3}{4}$ inches, Each. \$1.25



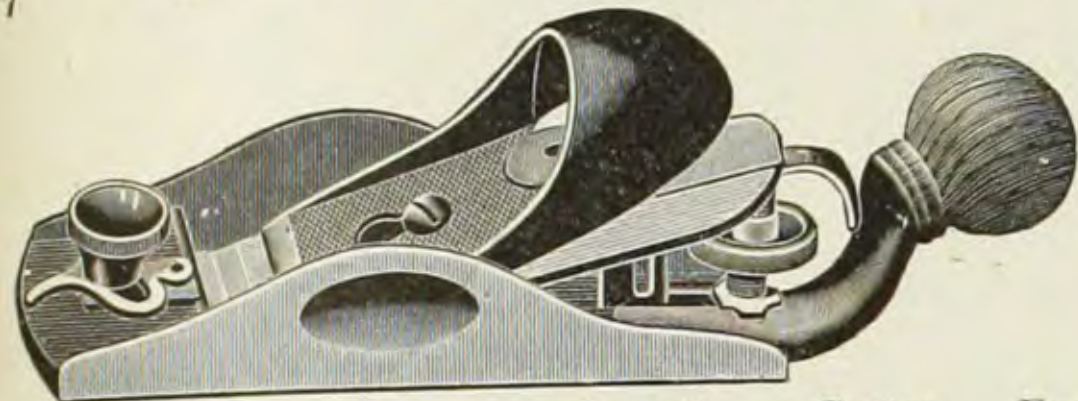
BAILEY'S ADJUSTABLE BLOCK PLANES WITH IMPROVED THROAT AND LATERAL ADJUSTMENTS



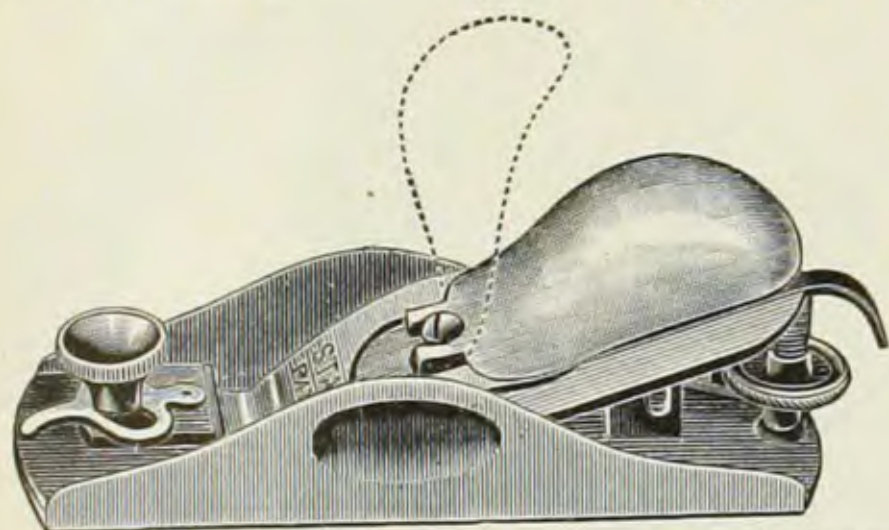
No.		Length.	Cutter.	Each.
9½	Excelsior Block Plane	6 inches	1¾ inches	\$1.50
15	" " "	7 " "	1¾ " "	1.60

NICKEL-PLATED TRIMMINGS

No.		Length.	Cutter.	Each.
16	Excelsior Block Plane	6 inches	1¾ inches	\$1.65
17	" " "	7 " "	1¾ " "	1.75



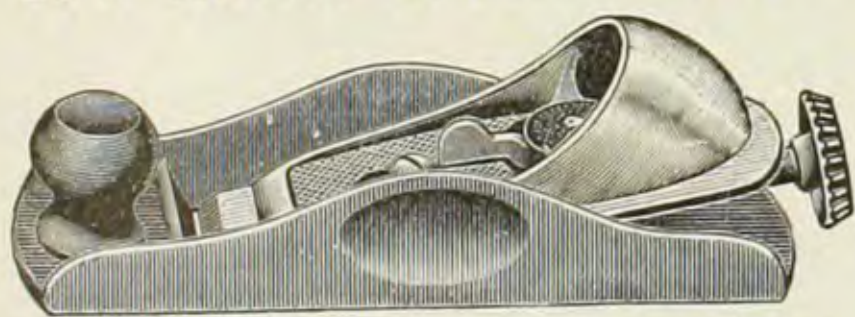
No.		Length.	Cutter.	Each.
9¾	Rosewood Handle	6 inches	1¾ inches	\$1.75
15½	" " "	7 " "	1¾ " "	1.85



The knuckle-joint in the Cap makes it a lever, too, and placing the Cap in position will also clamp the Cutter securely in its seat.

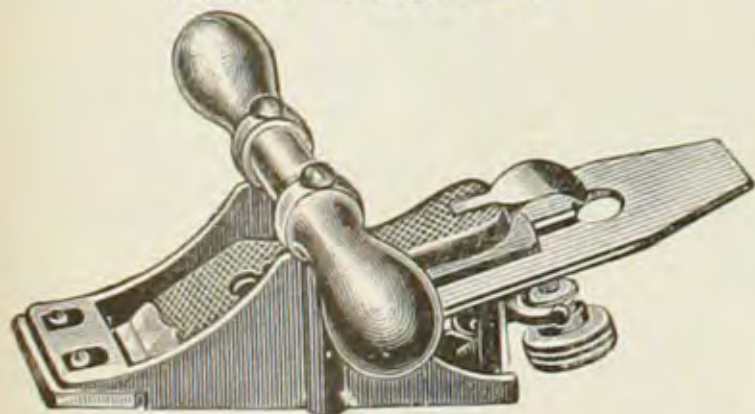
No.		Length.	Cutter.	Each.
18	Knuckle-joint Plane	6 inches	1¾ inches	\$1.75
19	" " "	7 " "	1¾ " "	1.85

LOW-ANGLE BLOCK PLANES



No.		Length.	Cutter.	Each.
60	Low-Angle Block Plane	6 inches	1½ inches	\$1.50
65	" " "	7 " "	1¾ " "	1.75
Cutters for any of the above Block Planes,				per dozen, 2.40

BELT PLANES

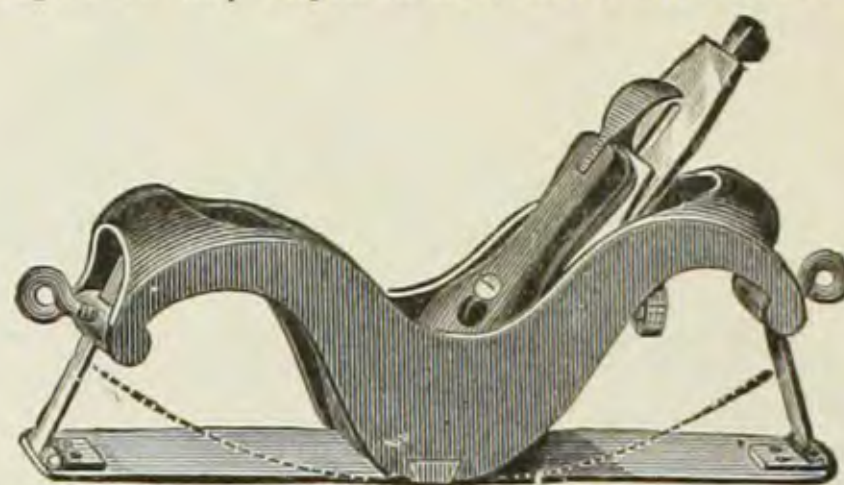


This tool is used by Belt Makers, for chamfering down the laps of a Belt, before fastening them together. It is equally well adapted to use in repairing Belts in all large manufacturing establishments.

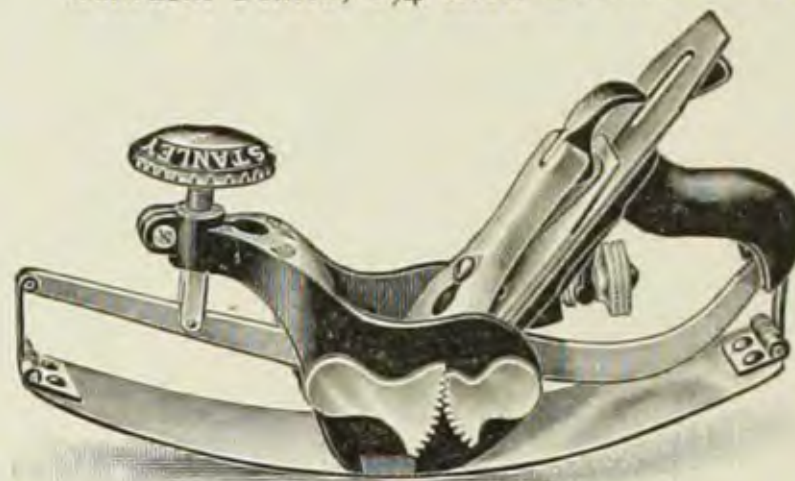
No.	Each.
11 Belt Makers' Plane, 2¾ in.,	\$3.00

ADJUSTABLE CIRCULAR PLANES

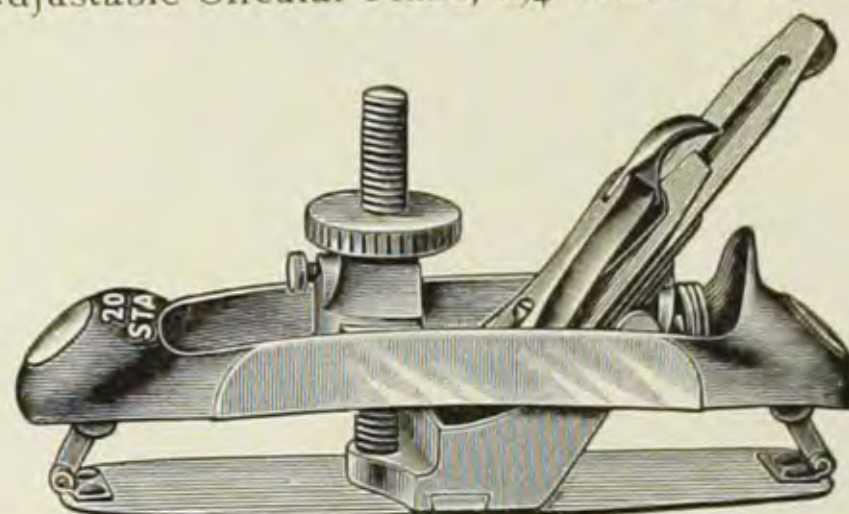
These Planes have a Flexible Steel Face, which can be easily shaped to any required arc, either concave or convex.



No. 13 Circular Plane, 1¾ inch Cutter, each, \$4.00

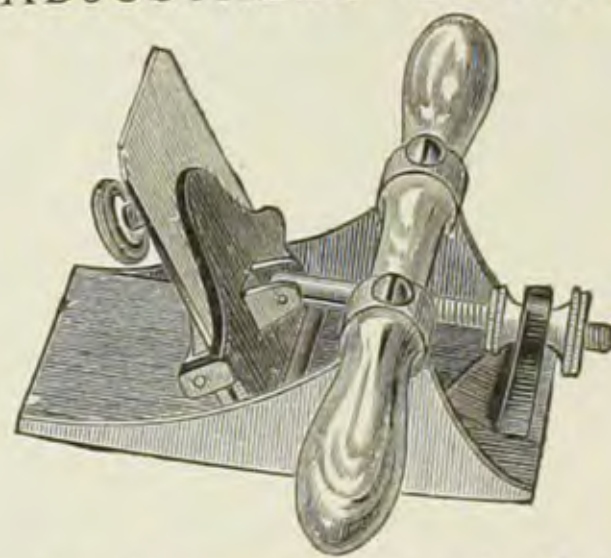


No. 113 Adjustable Circular Plane, 1¾ inch Cutter, Each. \$4.00



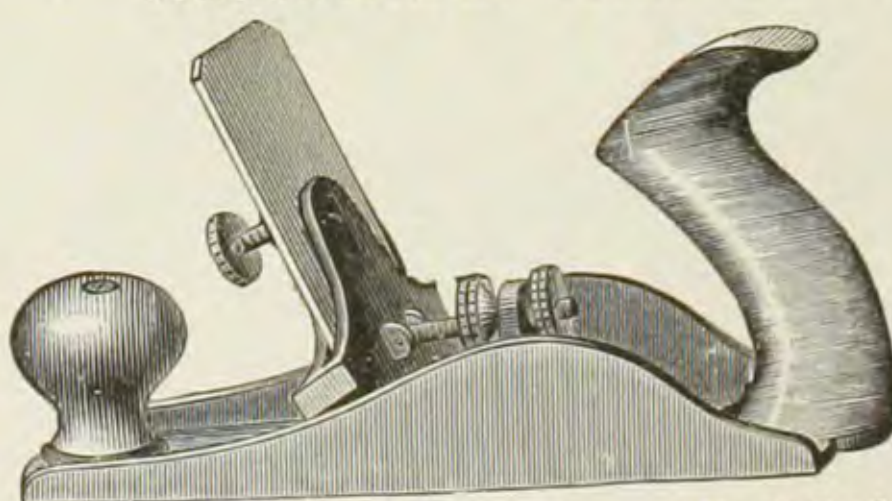
No. 20 Adjustable Circ. Plane, Nickel-plated, 1¾ in. Cutter, Each. \$6.00

BAILEY'S ADJUSTABLE VENEER SCRAPERS



No. 12 Adjustable Veneer Scraper, 3 in. Cutter, each, \$3.50
Cast Steel, Hand Veneer Scrapers, 3x5 in., per dozen, 3.00

ADJUSTABLE SCRAPER PLANES



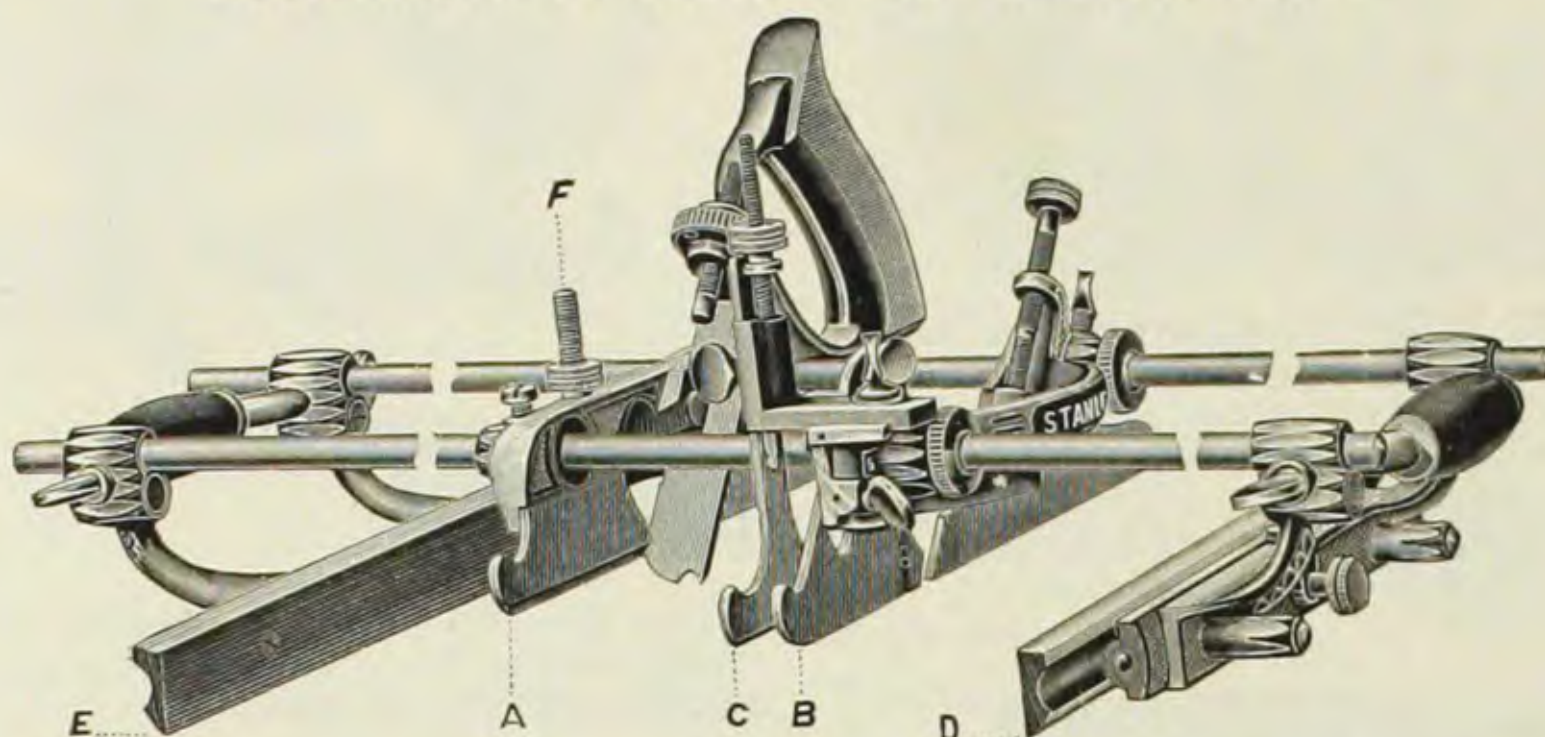
This tool can be used for scraping Veneers, Cabinet Work, or Hard Woods in any form, and by use of an additional Cutter, a superior Tothing Plane is made.

No. 112 Adjustable Scraper Plane, 9 in. in Length, 3 in. Cutter, each,	\$3.00
Cutters for Veneer Scraping,	.25
Cutters, for Tothing, Nos. 22, 28, 32 (22, 28 or 32 teeth per inch),	.35



STANLEY'S PATENT UNIVERSAL PLANE

A MATCH, SASH, BEADING, REEDING, FLUTING, HOLLOW, ROUND, PLOW, RABBET AND FILLISTER, MOULDING, DADO, SLITTING, AND CHAMFER PLANE



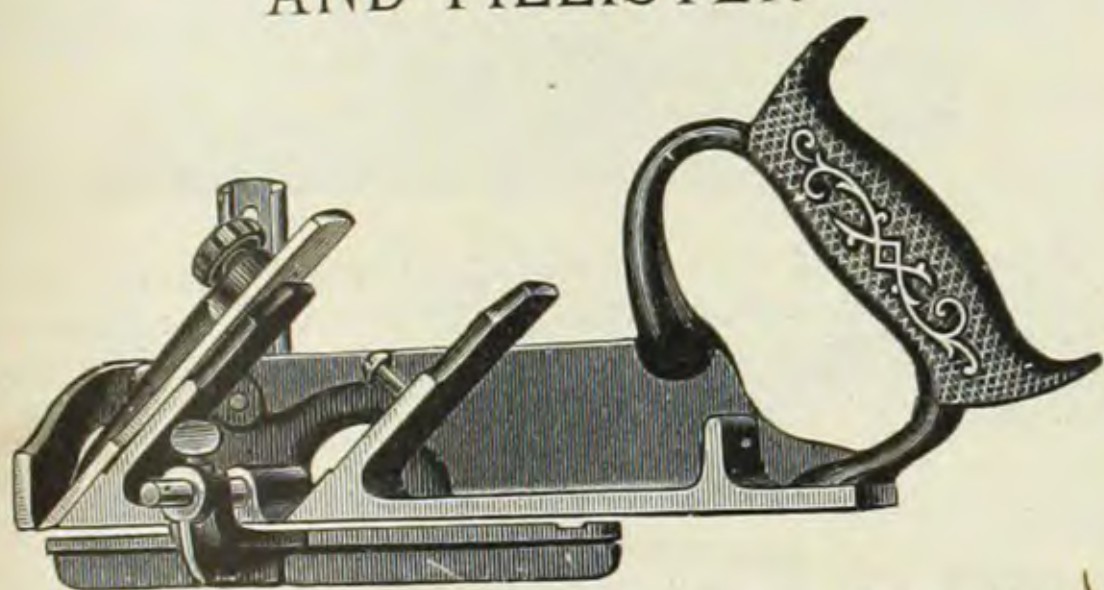
This Tool, in the hands of an ordinary carpenter, can be used for all lines of work covered by a full assortment of so-called Fancy Planes. A Main Stock (A) with transverse sliding arms; a depth gauge (F) adjusted by a screw; and a Slitting Cutter with stop. A Sliding Section (B) with a vertically adjustable bottom. The Auxiliary Center Bottom (C) is to be placed in front of the Cutter, as an extra support, or stop, when needed. Fence D has a lateral adjustment by means of a screw, for extra fine work. The Fences can be used on either side of the Plane, and the rosewood guides can be tilted to any desired angle, up to 45°, by loosening screws on face. Fence E can be reversed for Center Beading wide boards, when necessary.

No. 55 Stanley's Universal Plane, with 52 Tools, Bits, etc.,

each, \$16.00

The Plane is Nickel-plated; the 52 Cutters are arranged in four separate cases; and the entire outfit is packed in a neat wooden box. Catalogue of Extra Cutters for No. 55 Plane furnished on application.

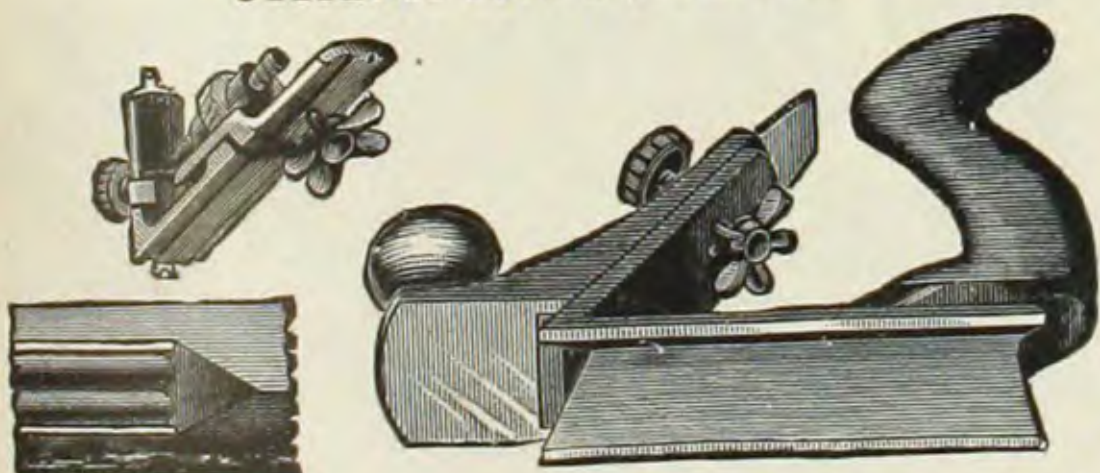
PATENT DUPLEX RABBET PLANE AND FILLISTER



The arm to which the fence is secured can be screwed into either side of the stock, thus making a superior right or left hand Fillister, with adjustable spur and depth gauge.

No. 78 Iron Stock and Fence, 8½ inches in Length, 1½ inch Cutter, each, \$1.50

STANLEY'S ADJUSTABLE CHAMFER PLANES

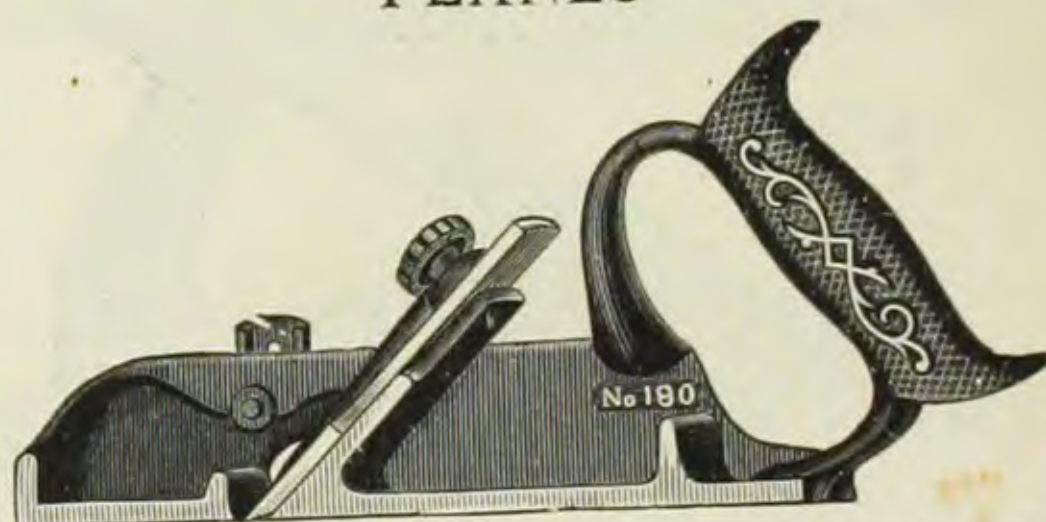


This Plane will do perfect chamfer, or stop chamfer work, of all ordinary widths.

For Beading, Reeding, or Moulding a chamfer an additional attachment is furnished (price \$1.00) with six Cutters, sharpened at both ends, including a large variety of ornamental forms.

No. 72 Chamfer Plane, 9 inches in Length, 1⅝ inch Cutter, each, \$2.00
No. 72½ Chamfer Plane, with Beading and Moulding Attachment, each, 3.00

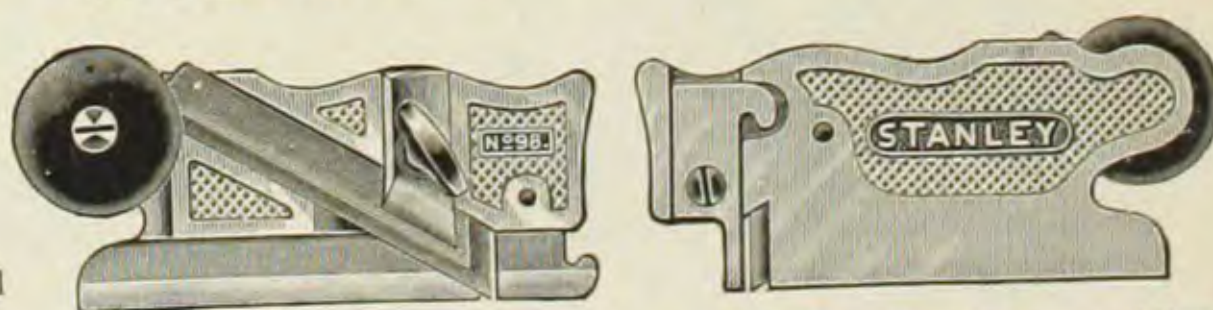
PATENT IMPROVED RABBET PLANES



This Plane will lie perfectly flat on either side, and can be used with right or left hand equally well, while planing into corners or up against perpendicular surfaces.

No.	Each.
180 Iron Stock, 8 inches in Length, 1½ inch Wide,	\$1.00
181 " " 8 " " 1¼ " "	1.00
182 " " 8 " " 1 " "	1.00
190 " " 8 " " 1½ " "	1.15
with Spur,	
191 Iron Stock, 8 inches in Length, 1¼ inch Wide	1.15
with Spur,	
192 Iron Stock, 8 inches in Length, 1 inch Wide	1.15
with Spur,	

STANLEY'S SIDE RABBET PLANES

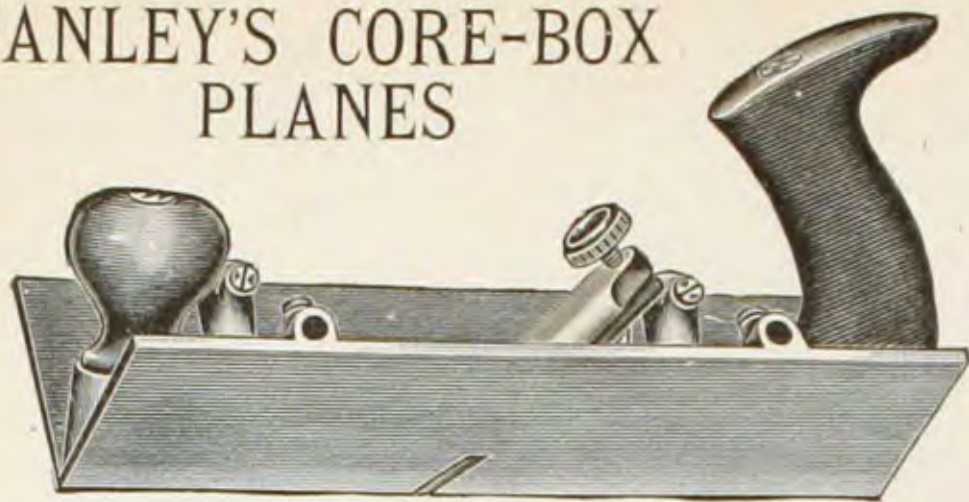


A convenient tool for side-rabbeting and trimming dados, mouldings, and grooves of all sorts. A reversible nose-piece will give the tool a form by which it will work close up into corners when required.

No.	Each.
98 Side Rabbet Plane, 4 inches, Right Hand,	\$0.90
99 " " " 4 " Left "	.90



STANLEY'S CORE-BOX PLANES



A Tool much needed by Pattern-Makers, Wheelwrights, and others, for planing out semi-circles.

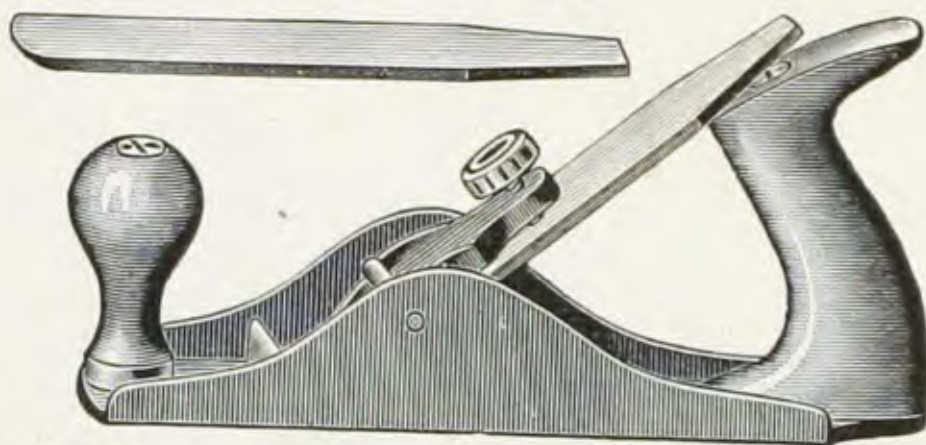
This Plane is constructed so that the sides can be extended by additional sections, $2\frac{1}{2}$ inches wide, until a diameter of 10 inches can be worked, if desired.

No. 57 Core-Box Plane (with one pair of additional sections), for working semi-circles, up to 5 inches diameter, each, \$4.00



For extra additional Sections, for working larger diameters. Per pair, \$1.00

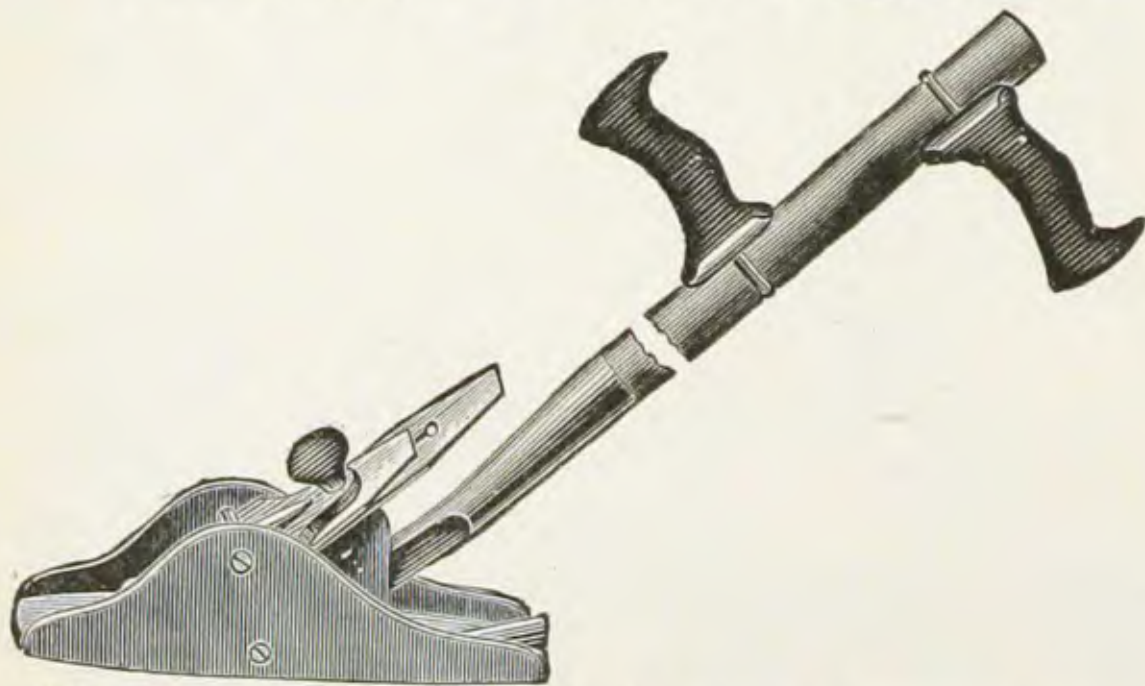
STANLEY'S IMPROVED SCRUB PLANES



This Tool has a single Iron, with the cutting edge rounded; and is particularly adapted for roughing down work before using a Jack or other Plane.

No. 40 Iron Stock, $9\frac{1}{2}$ inches in Length, $1\frac{3}{4}$ inch Cutter, each, \$1.00

STANLEY'S FLOOR PLANES

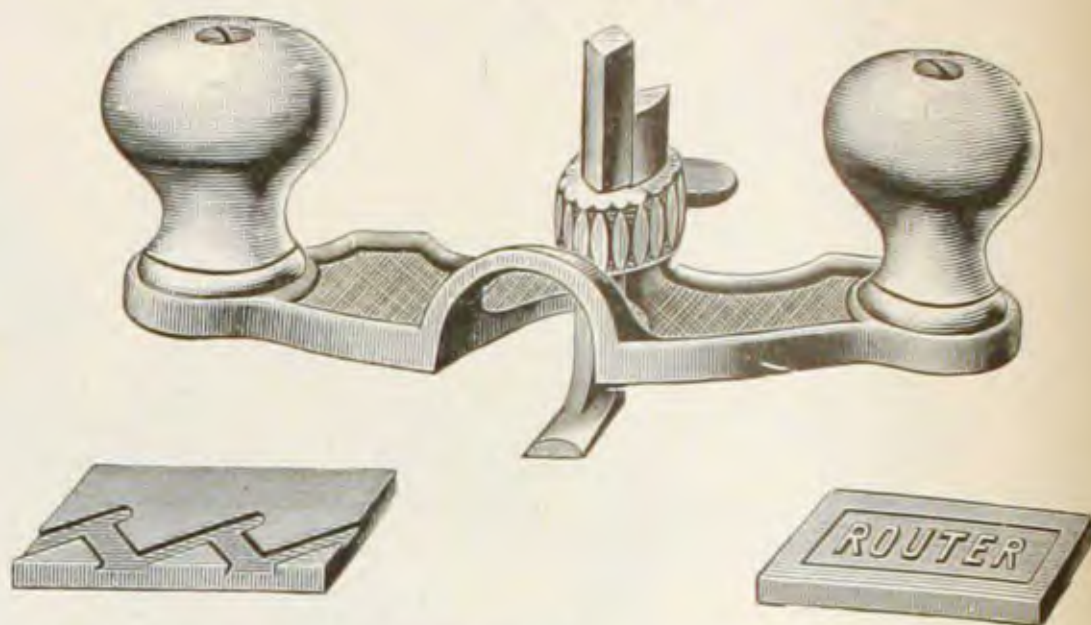


This Tool will be found useful for planing Floors, Bowling Alleys, Skating Rinks, Decks of Vessels, etc. The construction of the Plane will enable the owner to do more work, and with less outlay of strength, than can be done with any other tool.

The weight of the Plane is about 10 pounds, and the full length of the handle, 45 inches.

No. 74 Floor Plane, $10\frac{1}{2}$ inches in Length, $2\frac{5}{8}$ inch Cutter, each, \$4.50

WOODWORKERS' HANDY ROUTER PLANES

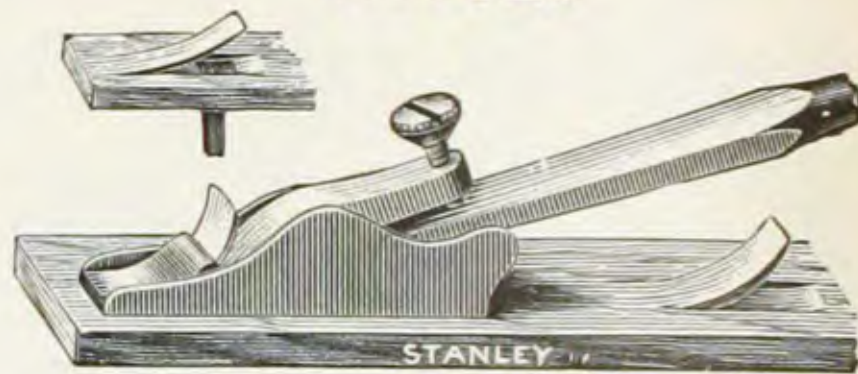


This Tool will smooth the bottom of grooves, panels, or all depressions below the general surface of any woodwork; and will rapidly router out mortises for Sash-frame Pulleys, etc.

No. 71 Nickel-plated, with Steel Bits ($\frac{1}{4}$ and $\frac{1}{2}$ inch), each, \$1.50

No. 71½ Nickel-plated, Closed Throat, with Steel Bits ($\frac{1}{4}$ and $\frac{1}{2}$ inch), 1.25

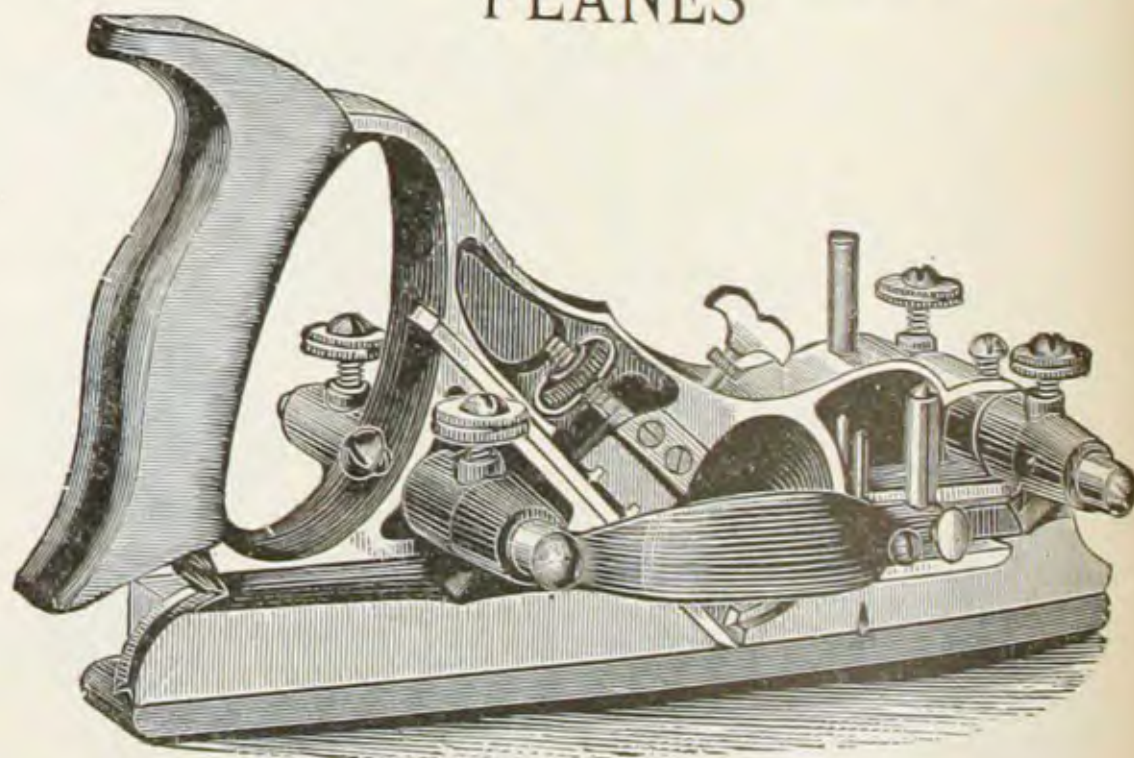
STANLEY'S ADJUSTABLE CHISEL GAUGES



Attach to a $\frac{1}{4}$ inch Chisel (with beveled edge up) and a shaving of any desired thickness can be raised, for blind-nailing or for inlaying wood strips in ornamental surface work.

No. 96 Steel Stock, per dozen, \$2.40
Half dozen in a box.

SIEGLEY'S PATENT ADJUSTABLE PLANES



This Tool is a combination of a common Carpenter's Plow, Dado, Side, and Center Bead Plane.

Nickel-plated, and including the following sizes Bits: $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$ Match Bits.

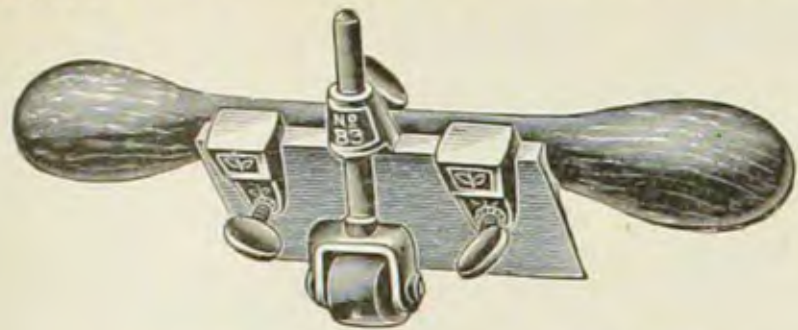
Also including the following sizes Bead Plane Bits:

$\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, each, \$8.00

Single Bits, 25 cents each. Cluster Bead Bits, 2 Cluster, 30 cents; 3 Cluster, 35 cents; 4 Cluster, 40 cents; Sash Moulding Cutter, working from $1\frac{1}{4}$ to $1\frac{1}{2}$ inches, 50 cents.



IMPROVED WOOD SCRAPERS



This Scraper can be adjusted to any desired pitch; and may be worked toward or from the person using it. The Roller acts as a support to relieve the strain on the wrist and hands of the workmen. The Handle can be detached for working into corners.

- No. 83 Wood Scraper, with Handles and Roller,
3 inch Blade,
Cast Steel Cutters, each, \$1.00
per dozen, 2.40

STANLEY'S UNIVERSAL SPOKE SHAVES



Both Handles are detachable, and either of them can be screwed into a socket on top of the stock, thus enabling the owner to work into corners, or panels, as no other spoke shave can do.

This Spoke Shave has two detachable bottoms, adapting it equally well to circular work or straight; and, by means of a movable width gauge, the tool can be used in rabbeting.

- No. 67 Universal Spoke Shave, Each, \$1.50



BAILEY'S IRON SPOKE SHAVES



- No. 51 Double Iron, Raised Handle, 10 inches, Cutter, 2 1/8 inches, Per dozen, \$3.50



- No. 55 Model Double Iron, Hollow Face, 10 inches, Cutter, 2 1/8 inches, Per dozen, \$3.00



- No. 52 Double Iron, Straight Handle, 10 inches, Cutter, 2 1/8 inches, Per dozen, \$3.50



- No. 58 Model Double Iron, 10 in., Cutter, 2 1/8 inches, Per dozen, \$3.00



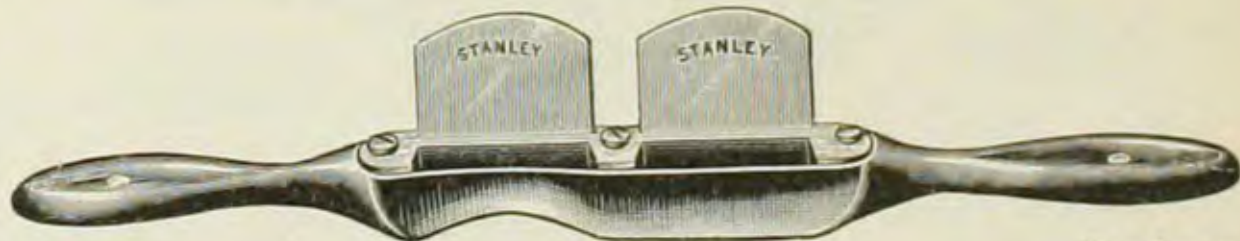
- No. 53 Adjustable, Raised Handle, 10 inches, Cutter, 2 1/8 inches, Per dozen, \$4.50



- No. 54 Adjustable, Straight Handle, 10 inches, Cutter, 2 1/8 inches, Per dozen, \$4.50



- No. 64 Straight Handle, 9 inches, Cutter, 2 1/8 inches (with Thumb Screw), Per dozen, \$2.00



- No. 60 Double Cutter, Hollow and Straight, 10 inches, Cutter, 1 1/2 inches, Per dozen, \$4.50

PATENT REVERSIBLE SPOKE SHAVES

This Spoke Shave can be worked to and from the person using it, without changing position.



- No. 62 Raised Handle (Heavy), Double Cutter, 10 in., Cutter, 2 1/8 inches, Per dozen, \$6.00

PATENT CHAMFER SPOKE SHAVES

This tool can be easily adjusted by means of the Thumb-screws attached to the Guides, and will chamfer an edge any desired width up to 1 1/2 inches.



- No. 65 Raised Handle, Cutter, 1 1/2 inches, Per dozen, \$6.00

PRICE LIST OF SPOKE SHAVE CUTTERS

- Nos. 51, 52, 53, 54, 55, 58, 62,
Nos. 60, 64, 65,

per dozen, \$1.00
" " .75

Nos. 53 and 65, half dozen in a box; other Nos., one dozen in a box.





IRON SPOKE SHAVES

No. 1 Single Cutter, per dozen, \$2.00



No. 3 Double Cutter, per dozen, \$3.50
Half dozen in a box.



Nos. 180 to 183

WOOD SPOKE SHAVES

BEECHWOOD, PLAIN

Nos.	180	181	182	183
Size, inches,	2 1/2	3	3 1/2	4
Per dozen,	\$3.25	3.75	4.25	4.75

BEECHWOOD, PLATED

Nos.	184	185	186	187
Size, inches,	2 1/2	3	3 1/2	4
Per dozen,	\$4.25	4.75	5.25	5.75

BEECHWOOD, PLATED, WITH THUMB-SCREWS

Nos.	192	193	194	195
Size, inches,	2 1/2	3	3 1/2	4
Per dozen,	\$9.00	9.50	10.00	10.50

Half dozen in a box.



Nos. 192 to 195



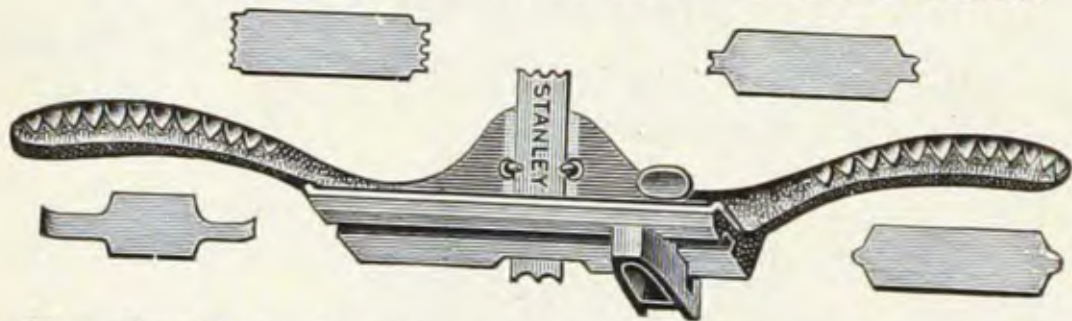
MILLER'S FALLS SPOKE SHAVES

No. 1 per dozen, \$9.00



No. 2 Four Faced, Cutter 2 in., Per dozen, \$12.00
Half dozen in a box.

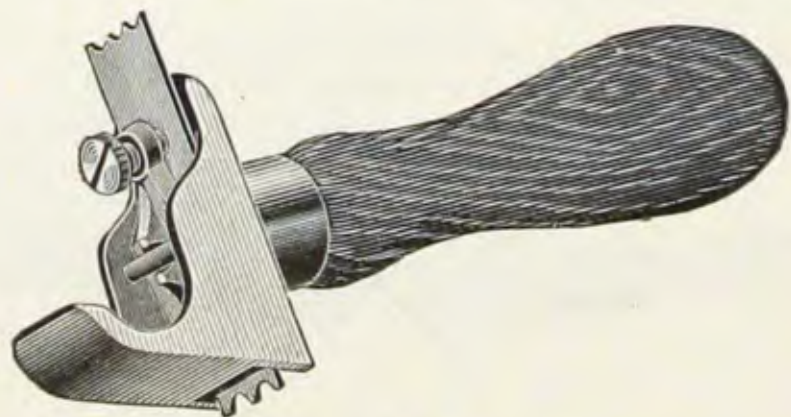
UNIVERSAL HAND BEADERS



For Beading, Reeding, or Fluting straight or irregular surfaces, and for all kinds of light Routering. With a square gauge for straight, and an oval gauge for curved work.

Both ends of the Cutters are sharpened, thus embracing six ordinary sizes of Beads, four sets of Reeds, two Fluters, and a double Router Iron (1/8 and 1/4 inch).

No. 66 Nickel-plated, with seven Steel Cutters, each, \$1.00



SINGLE-HANDED BEADERS

For Beading, Reeding, or Fluting Diagonal Lines, etc.

No. 69 Nickel-plated, with six Steel Cutters and one Blank, each, \$0.75



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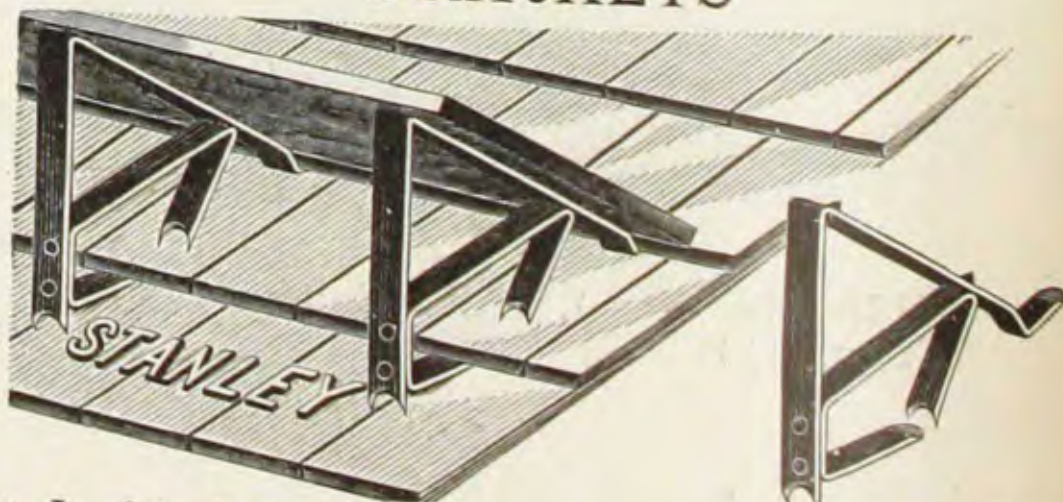
IMPROVED DRAWING-KNIFE CHAMFERER GAUGES

WITH GRADUATED SCALE

1 1/4 inch, for 1 1/8 to 1 1/4 inch Blades,	per dozen, \$8.00
1 1/2 " " 1 3/8 to 1 1/2 " " "	" " 8.00

One in a box.

STANLEY'S PATENT ROOFING BRACKETS



No. 1 8 inches, per dozen, \$3.00
Half dozen in a box.

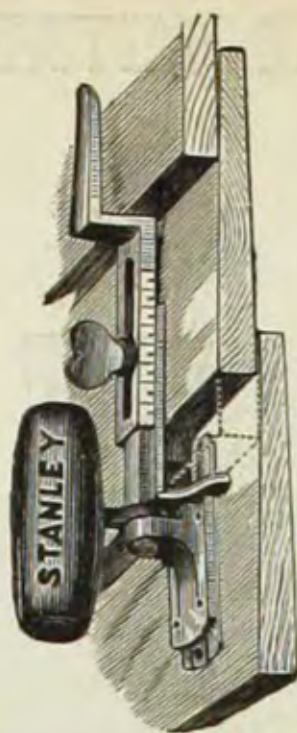




STANLEY'S ADJUSTABLE CLAPBOARD (SIDING) MARKERS

No. 88 Metal Stock, Wood
Handle, Steel
Blade, each, \$0.50

One in a box.

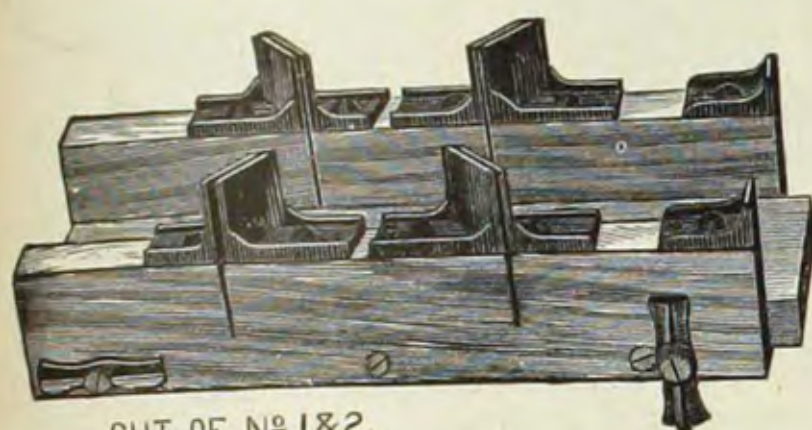


STANLEY'S ADJUSTABLE CLAPBOARD (SIDING) GAUGES

No. 89 Metal Stock, Wood
Handle, Steel
Blade, each, \$0.50

Three in a box.

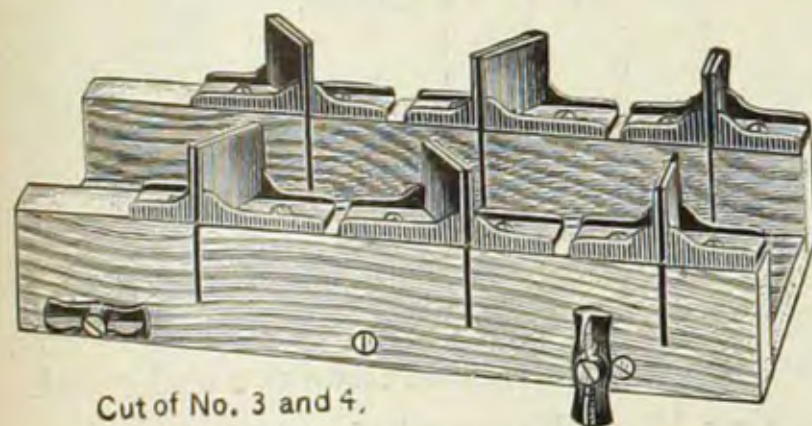
OLMSTED'S IMPROVED MITRE BOXES



CUT OF No. 1 & 2.

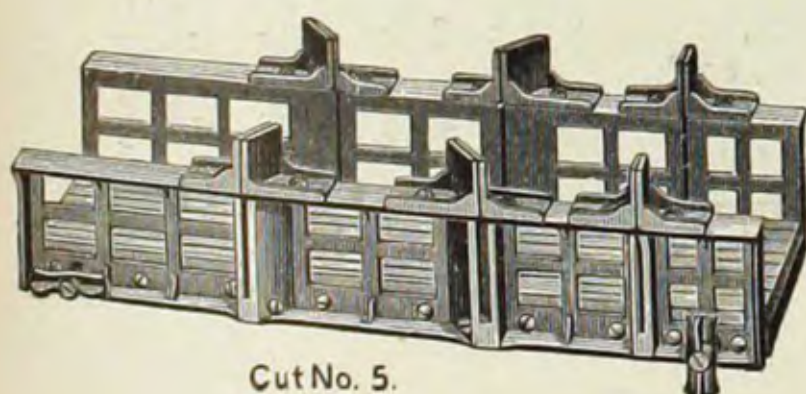
The frame is made of hard wood of the best quality selected for the purpose, and made from boards one inch thick, and consists of two upright pieces which are fastened rigidly to the edges of a bottom board. Has adjustable iron saw guides for any thickness of saw blade. The saw cannot cut the frame away. An ordinary cross-cut saw can be used as well as a back saw.

No. 1	Will take work $1\frac{1}{2} \times 3$ inches,	per dozen, \$12.00
No. 2	" " " $2\frac{1}{2} \times 4$ "	" " 18.00



Cut of No. 3 and 4.

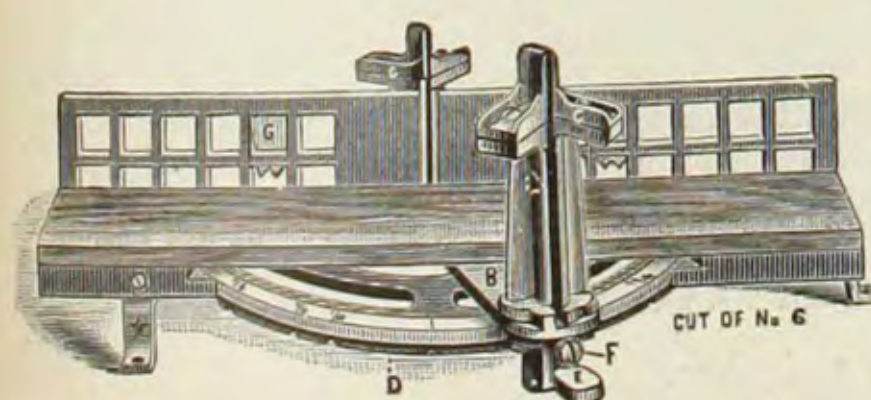
No. 3	Will take work $1\frac{1}{2} \times 3$ inches,	per dozen, \$15.00
No. 4	" " " $2\frac{1}{2} \times 4$ "	" " 21.00



Cut No. 5.

The frame of this Box is made entirely of iron. A board is secured to the bottom of the inside. When a back saw is used with a blade 4 inches wide, the back will serve as a stop by its striking the top of the adjustable iron saw guides. The iron saw guides prevent the saw from coming in contact with the sides of the slots.

No. 5	Will take work $2\frac{1}{2} \times 4$ inches,	per dozen, \$45.00
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CUT OF No. 6

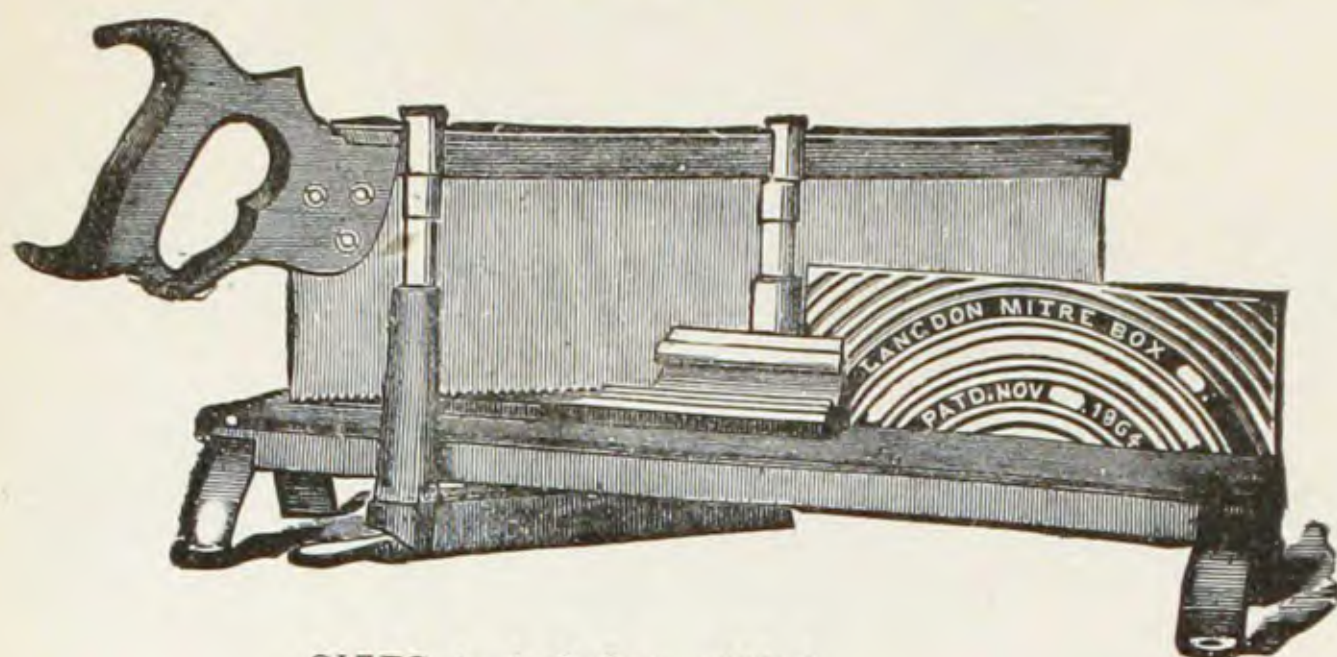
This Box is made entirely of steel and iron; a board is fastened to the bottom. The swinging bar B can be placed at any angle desired, by pressing on the lever E it can be moved to any of the fixed notches, which are right angle, $\frac{1}{8}$, $\frac{1}{6}$, $\frac{1}{4}$; it can be held at any point between the notches by tightening the screw D. The pointed steel springs G, on the back, are used to press into the work to hold it fast while sawing. Any saw can be used.

No. 6	Will take work 4 inches wide at mitre and 6 inches wide at right angle,	per dozen, \$60.00
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LANGDON ADJUSTABLE MITRE BOXES

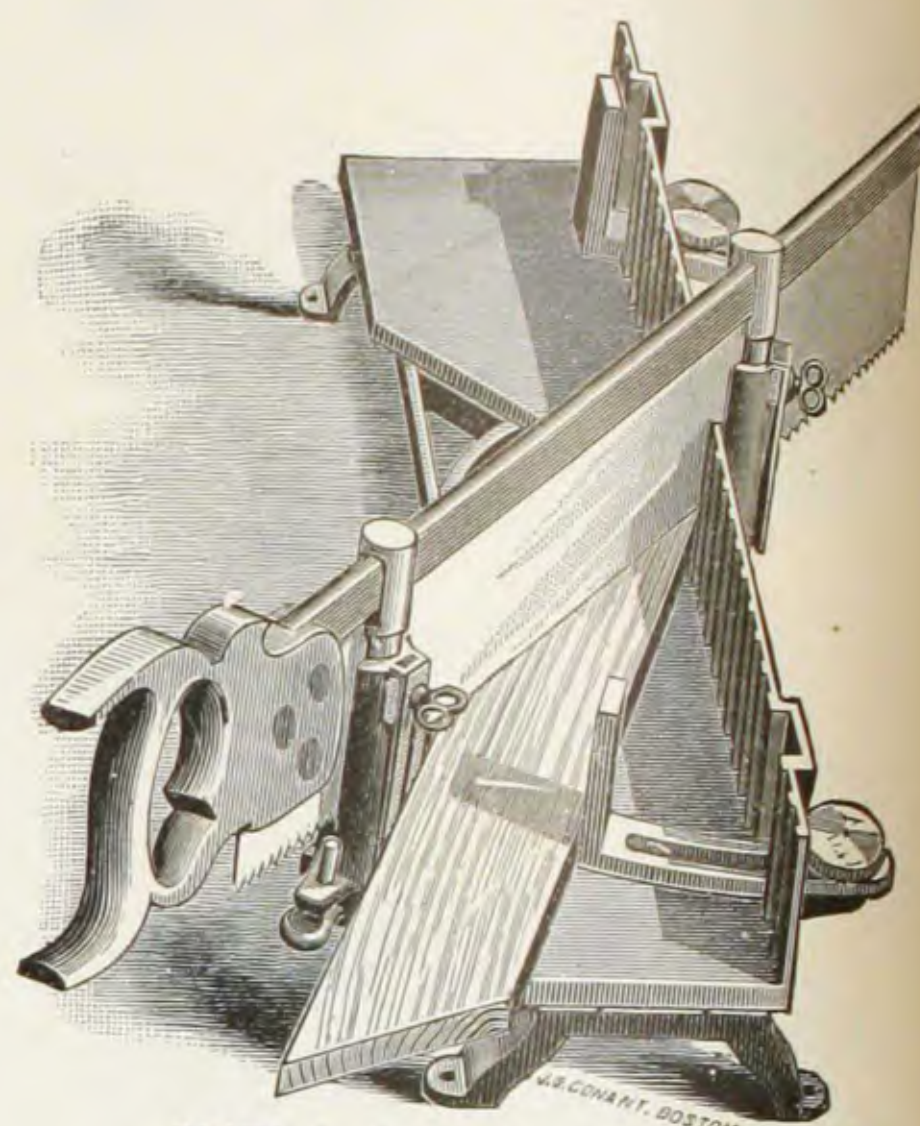
NEW LANGDON MITRE BOXES IMPROVED



SIZES A, 1, 2, 2½, AND 3

No.	Size	with Saw	Each.
1	A	15×2½ in., for Wood,	\$6.50
2	"	14×2½ " " Metal,	6.50
3	"	both of the above Saws,	8.00
*4	1	Saw 18×4 in., for Wood or Metal,	9.00
*5	1	" 20×4 " " " "	9.50
*6	1	" 22×4 " " " "	10.00
7	1	" 24×4 " " " "	10.50
8	1	" 26×4 " " " "	11.00
9	2	" 22×4 " " " "	11.00
10	2	" 24×4 " " " "	11.50
11	2	" 26×4 " " " "	12.00
12	2½	" 28×5 " " " "	14.00
13	3	" 24×6 " " " "	18.50
14	3	" 26×6 " " " "	19.00
15	3	" 28×6 " " " "	19.50
16	3	" 30×6 " " " "	20.00

*In ordering Nos. 4, 5, and 6, specify whether for Wood or Metal.



SIZES 1, 2, AND 2½

By using the circular arms or guides, cuts from right angles to 75 degrees on 2½ inch stuff, varying more or less with width of stuff. The only Box adjustable for mitring circular work in patterns, emery wheels, and segments of various kinds.

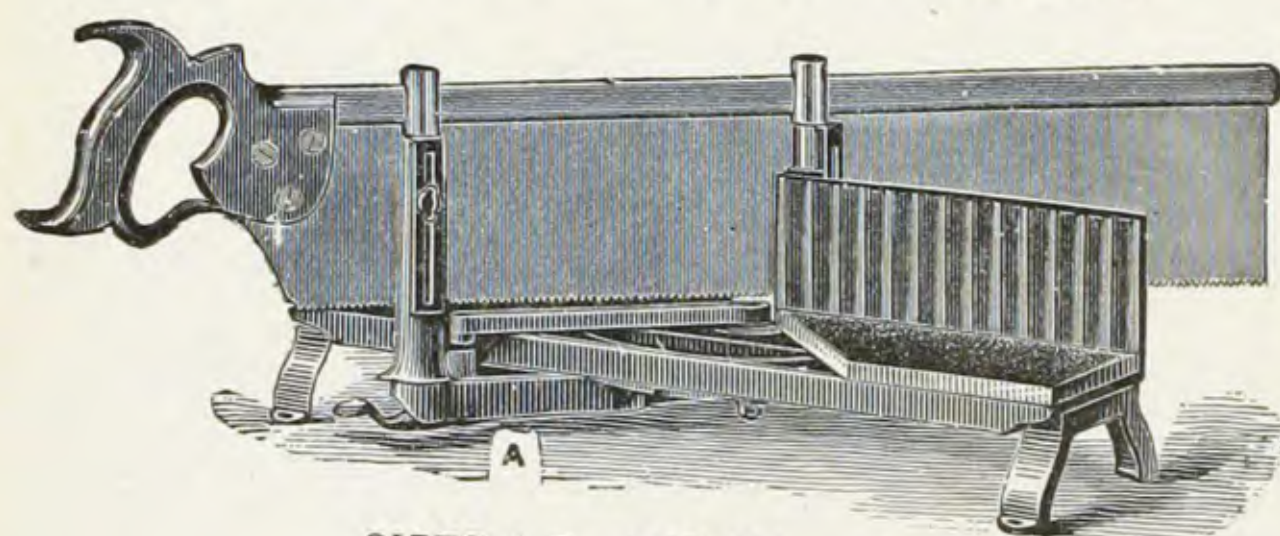
No.	Size	with Saw	Each.
26	1	18×4 inches, for Wood,	\$9.00
27	"	" 20×4 " " " "	9.50
28	"	" 22×4 " " " "	10.00
29	"	" 24×4 " " " "	10.50
30	"	" 26×4 " " " "	11.00
31	2	" 22×4 " " " "	11.00
32	2	" 24×4 " " " "	11.50
33	2	" 26×4 " " " "	12.00
34	2½	" 28×5 " " " "	14.00

The measurements of above saws are under back.

The following Mitre Boxes will be sold without Saw, if desired, but without guarantee, as Mitre Boxes cannot be depended upon to work with Saws indiscriminately furnished.

Size,	A	1	2	2½	3
Langdon, each,	\$5.25	8.25	9.25	11.25	16.25
New Langdon, each,		7.00	8.00	10.25	
Langdon Improved, each,		8.25	9.25	11.25	

NEW LANGDON MITRE BOXES



SIZES 1, 2, AND 2½

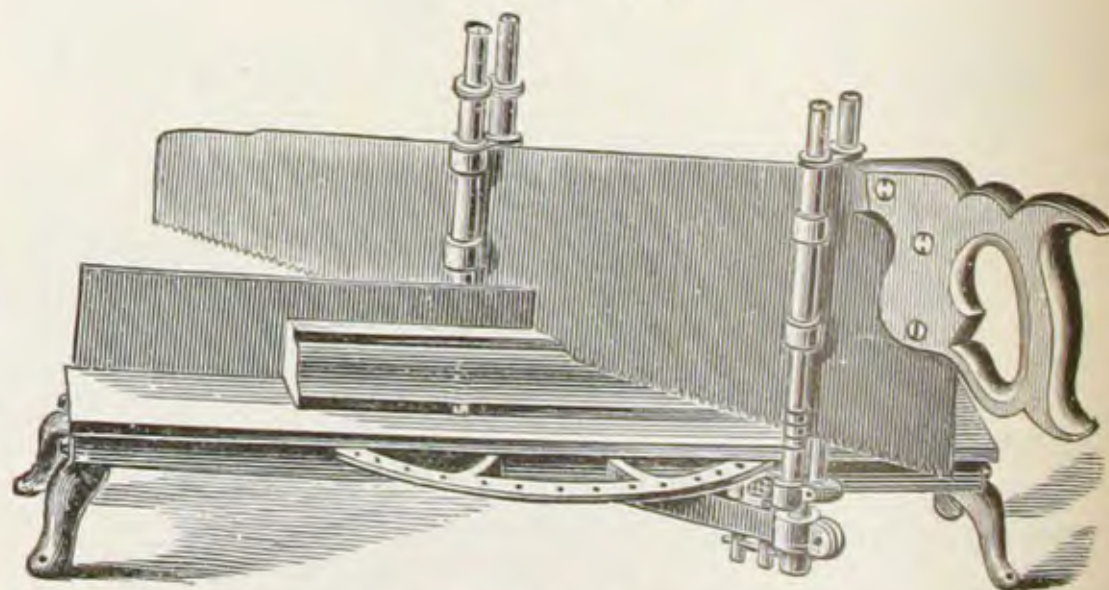
No.	Size	with Saw	Each.
17	1	18×4 inches, for Wood,	\$7.75
18	"	" 20×4 " " " "	8.25
19	"	" 22×4 " " " "	8.75
20	"	" 24×4 " " " "	9.25
21	"	" 26×4 " " " "	9.75
22	2	" 22×4 " " " "	9.75
23	2	" 24×4 " " " "	10.25
24	2	" 26×4 " " " "	10.75
25	2½	" 28×5 " " " "	12.00

The measurements of above Saws are under back.

DIMENSIONS OF LANGDON MITRE BOXES

Size A	gives	3½ in.	width at right angles,	2¼ in.	at mitre.
Size 1	"	6⅞	" " " "	4⅝	" " "
Size 2	"	9½	" " " "	6½	" " "
Size 2½	"	9½	" " " "	6½	" " "
Size 3	"	12½	" " " "	8½	" " "

STANLEY'S IMPROVED MITRE BOXES



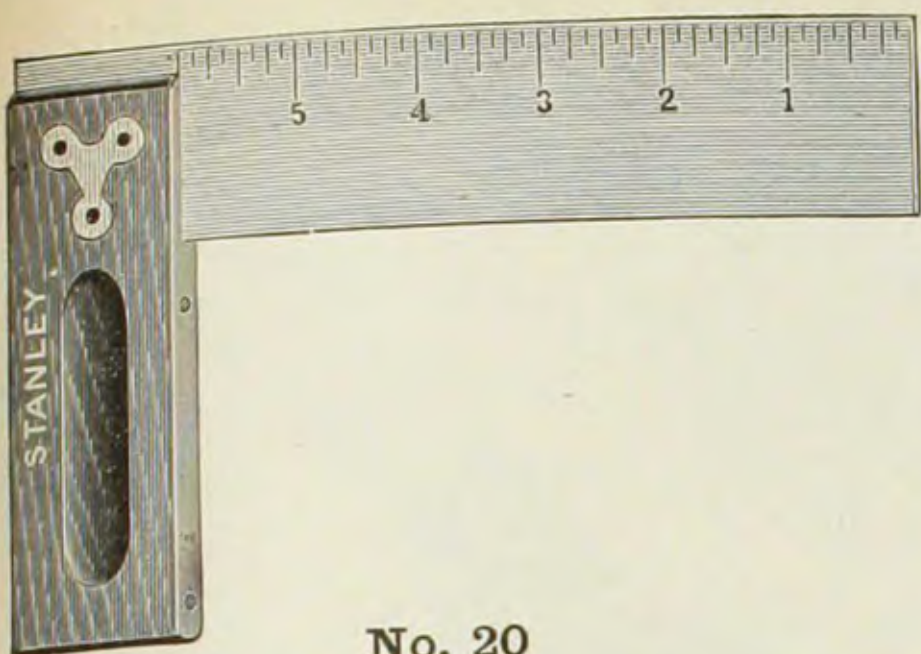
Can be used with either a Back or Panel Saw.

No.	Mitre Box	Each.
50	Box, 20 inches,	\$7.00
60	" 20 " with 20 in. Disston's Back Saw,	10.00



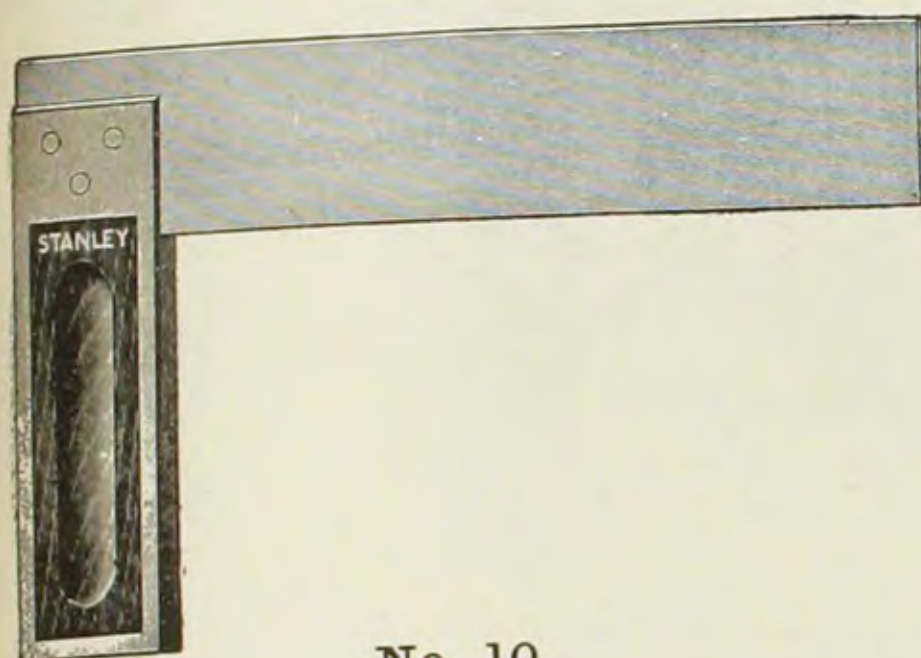
TRY SQUARES

GRADUATED STEEL BLADES



No. 20

Inches.	NO. 20	Per dozen.
3	Rosewood Handles, Brass Faced,	\$3.00
4 1/2	" " " "	3.75
6	" " " "	5.00
7 1/2	" " " "	5.75
9	" " " "	6.50
10	" " " "	7.25
12	" " " "	8.50
15	" " " " with Rest,	12.50
18	" " " " " " " "	15.50

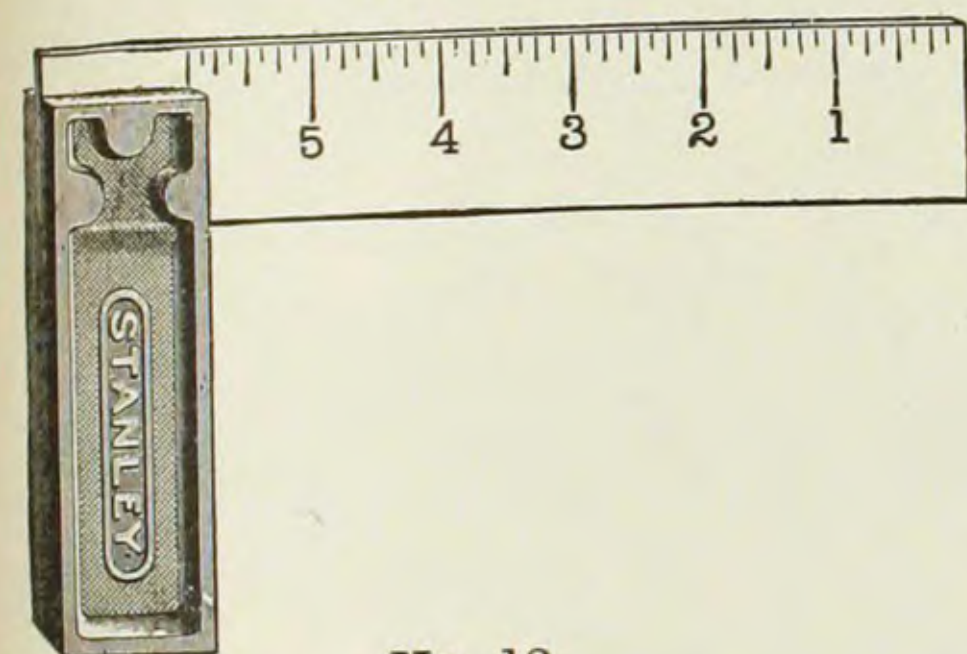


No. 10

INLAID TRY SQUARES

ROSEWOOD (INLAID) SIDES, STEEL BLADES, SQUARE
INSIDE AND OUT

Inches.	NO. 10	Per dozen.
4	Iron Frame Handle,	\$6.50
6	" " " "	8.50
8	" " " "	11.00
10	" " " "	15.00



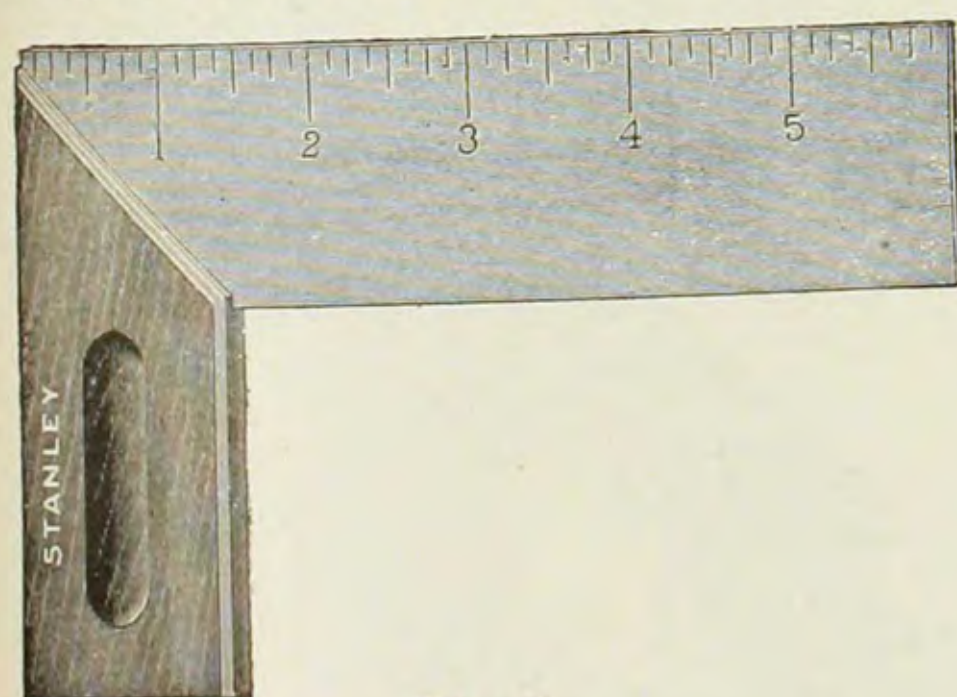
No. 12

PATENT IMPROVED TRY SQUARES

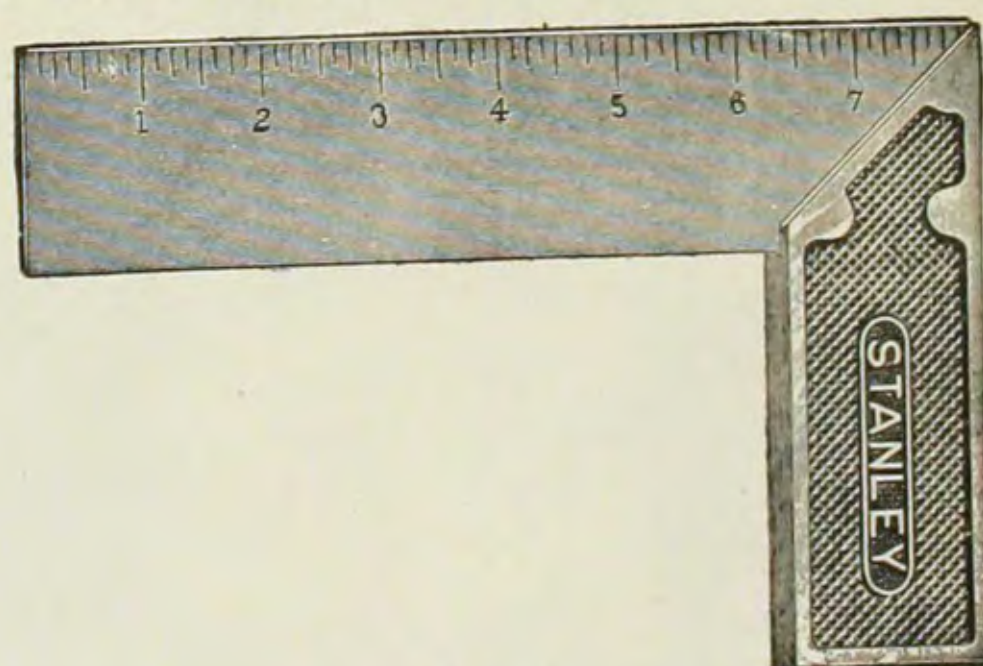
NICKEL-PLATED, IRON HANDLE, SQUARE INSIDE AND OUT

Inches.	NO. 12	Per dozen.
2	Graduated Steel Blades,	\$2.25
4	" " " "	2.75
6	" " " "	3.50
8	" " " "	4.50
10	" " " "	5.50
12	" " " "	7.00

WINTERBOTTOM'S PATENT COMBINED TRY AND MITRE SQUARES



No. 2



No. 1

ROSEWOOD HANDLE, SQUARE INSIDE AND OUT

Inches.	Per dozen.
4 1/2	Graduated Steel Blades, \$4.50
6	" " " " 5.00
7 1/2	" " " " 6.00
9	" " " " 7.00
12	" " " " 9.00

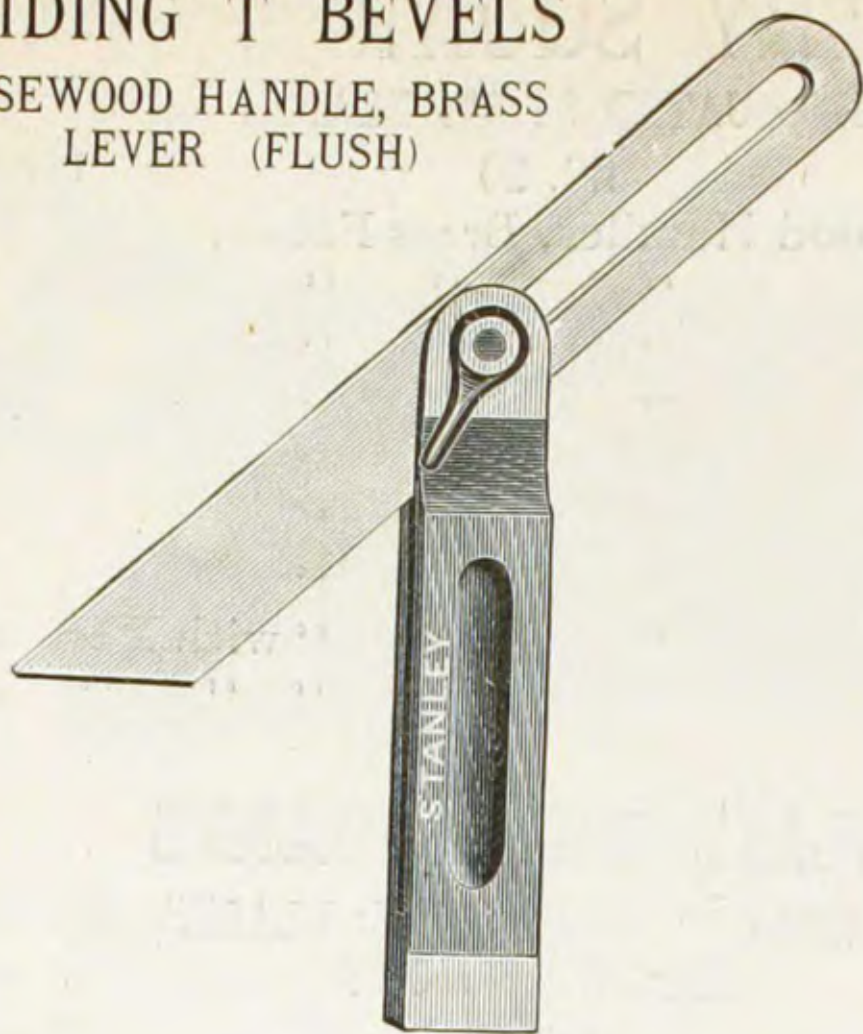
NICKEL-PLATED IRON HANDLE, SQUARE INSIDE
AND OUT

Inches.	Per dozen.
4	Graduated Steel Blades, \$6.00
6	" " " " 7.50
8	" " " " 9.00

Above, half dozen in a box.



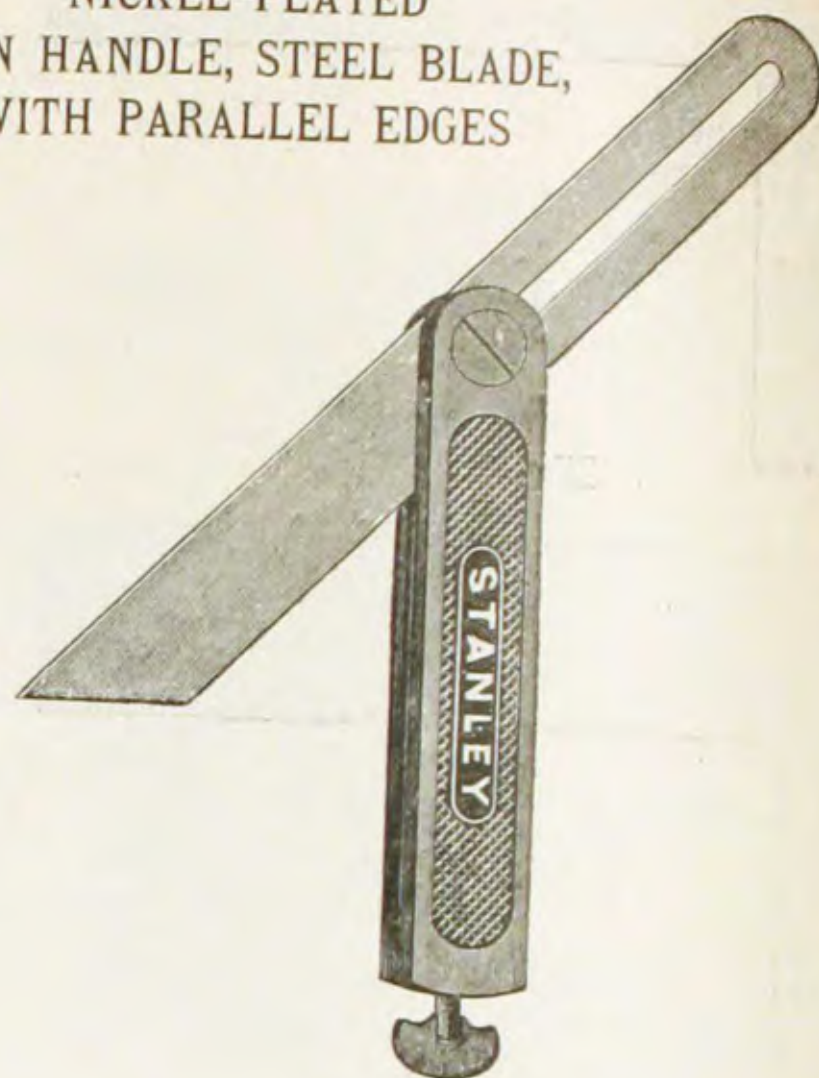
SLIDING T BEVELS

ROSEWOOD HANDLE, BRASS
LEVER (FLUSH)

No. 25

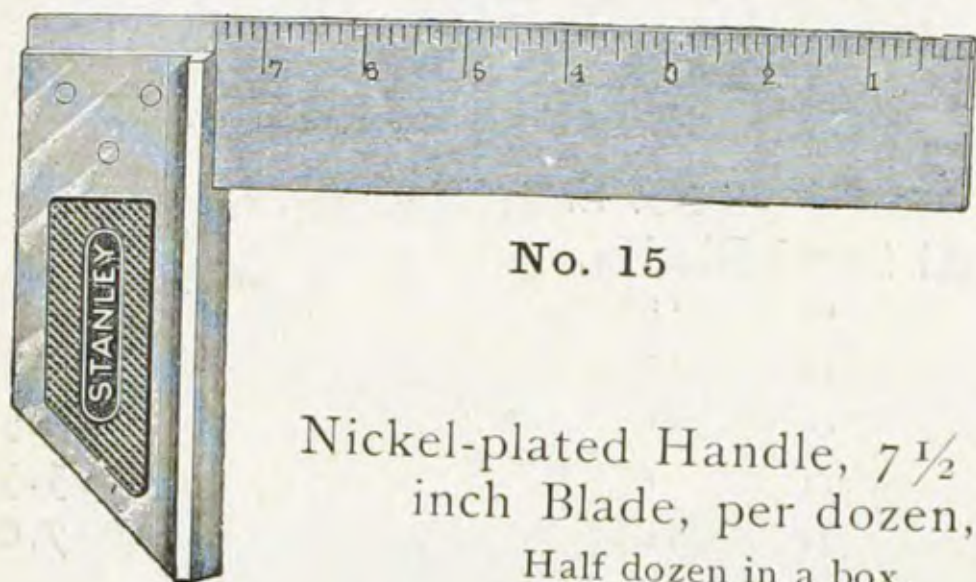
Size, inches,	6	8	10	12	14
Per dozen,	\$5.50	6.00	6.50	7.00	7.50

Half dozen in a box.

PATENT EUREKA FLUSH
T BEVELSNICKEL-PLATED
IRON HANDLE, STEEL BLADE,
WITH PARALLEL EDGES

No. 18

IMPROVED MITRE TRY SQUARES



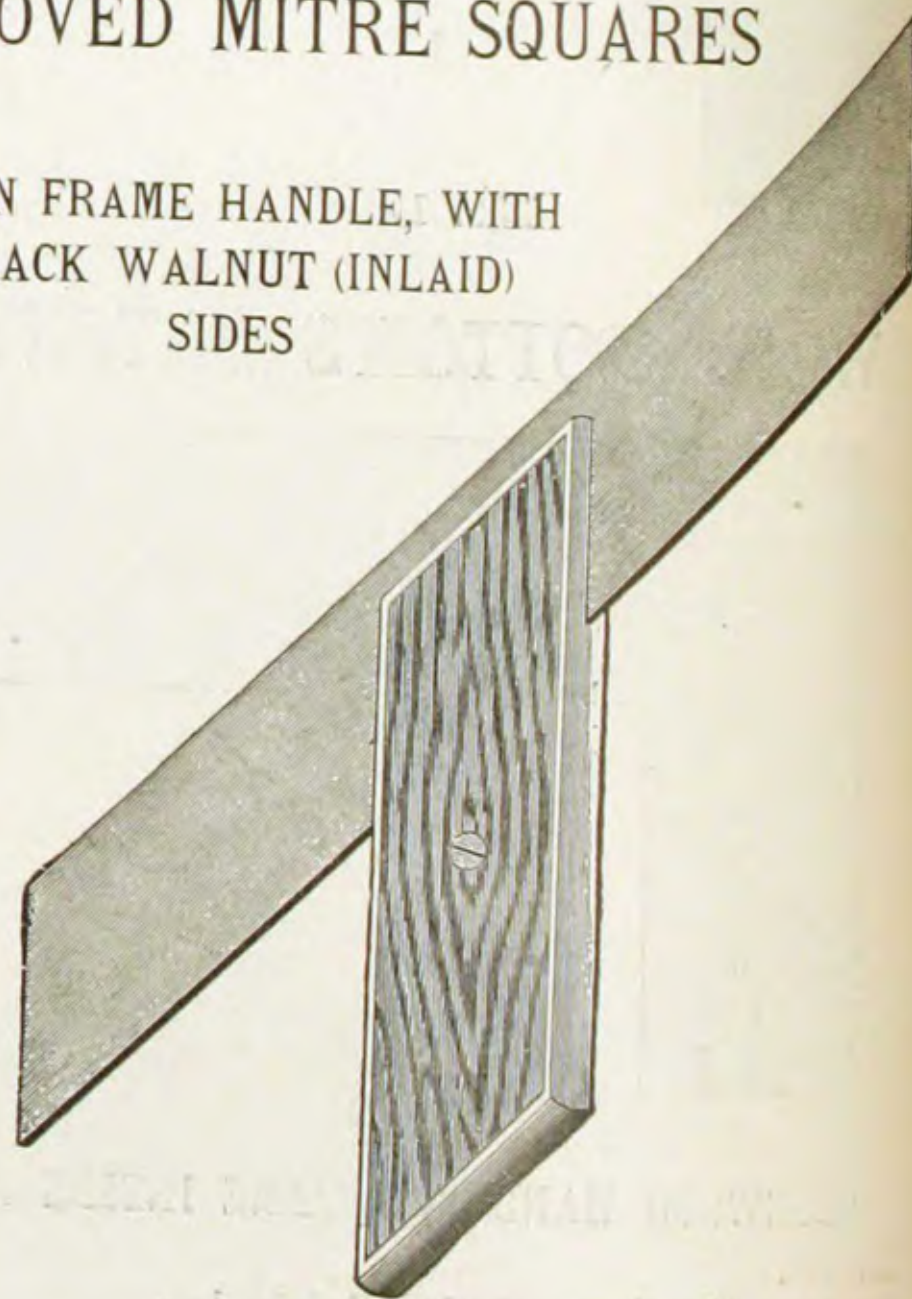
No. 15

Nickel-plated Handle, 7 1/2
inch Blade, per dozen, \$9.00
Half dozen in a box.The Blade is easily secured at any angle, by turning the
Thumb-screw at the lower end of the Handle.

Size, inches,	6	8	10
Per dozen,	\$6.00	6.50	7.50

Half dozen in a box.

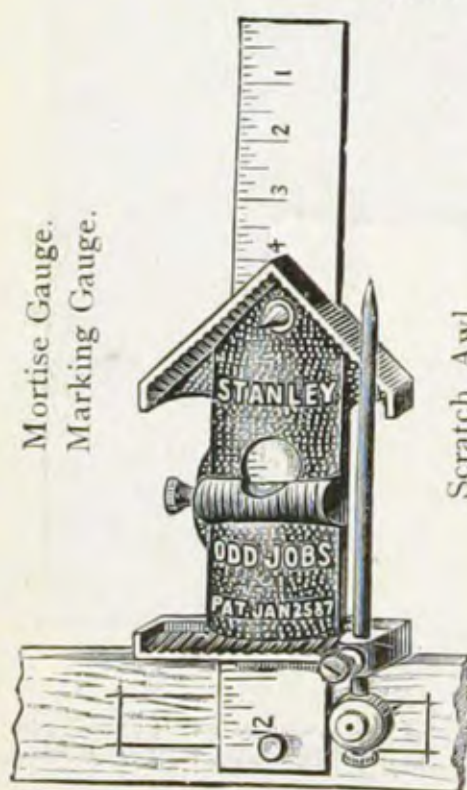
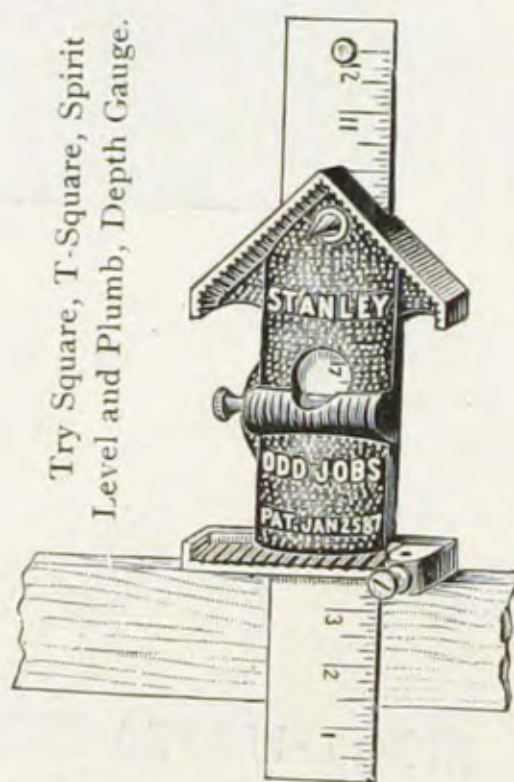
IMPROVED MITRE SQUARES

IRON FRAME HANDLE, WITH
BLACK WALNUT (INLAID)
SIDES

No. 16

Size, inches,	8	10	12
Per dozen,	\$7.00	8.00	9.00

Half dozen in a box.

STANLEY'S ODD-JOBS
TEN TOOLS IN ONEMortise Gauge.
Marking Gauge.Scratch Awl.
Use Pointed Steel Rod.Try Square, T-Square, Spirit
Level and Plumb, Depth Gauge.

Mitre Square, Inside Square, Beam Compass.

The tool is now sent sent out with a 12-inch Graduated
Ruler inserted in it; and near one end of the Ruler is an
Adjustable Steel Point.No. 1 Odd-Jobs, Nickel-plated, with
Rule,
One in a box. each, \$0.75

STANLEY RULE AND LEVEL COMPANY'S PLUMBS AND LEVELS ⁸⁰³

 All are now made with the "HAND-Y" feature.



No. 102

- No.
102 Levels, Arch Top Plate, Two Side Views, Polished, Assorted,
103 " " " " " " " " " " " "

Per dozen.
10 to 16 inches, \$9.00
18 to 24 " 12.00

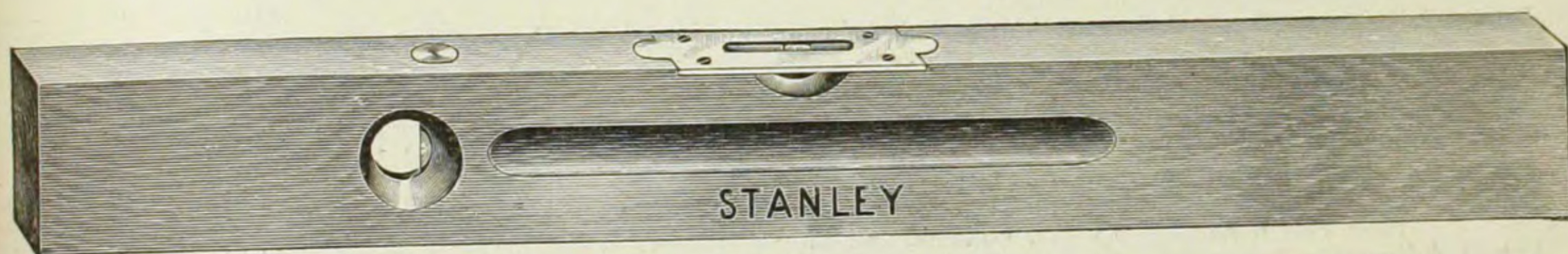


No. 104

- No.
104 Plumb and Level, Arch Top Plate, Two Side Views, Polished, Assorted,
1 1/2 Mahogany Plumb and Level, Arch Top Plate, Two Side Views, Polished, Assorted,
1 3/4 " " " " " " " " Brass Lipped Side Views, Polished
and Tipped, Assorted,

Per dozen.
12 to 18 inches, \$14.00
18 to 24 " 16.50
12 to 18 " 27.00

One dozen in a case.

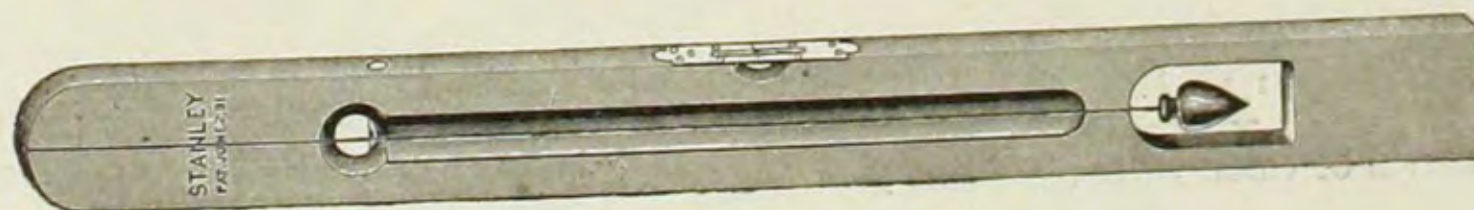


No. 0

- No.
00 Plumb and Level, Arch Top Plate, Two Side Views, Polished, Assorted,
0 " " " " " " " " " " " "
01 Mahogany Plumb and Level, Arch Top Plate, Two Side Views, Polished, Assorted,
02 Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, " "
03 " " " " " " " " Side Views, Polished and Tipped, " "
04 " " " " " " " " Brass Lipped Side Views, Polished and Tipped,
Assorted,
06 Mahogany Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Polished,
Assorted,

Per dozen.
18 to 24 inches, \$16.00
24 to 30 " 18.00
24 to 30 " 22.50
24 to 30 " 24.00
24 to 30 " 28.00
24 to 30 " 35.00
24 to 30 " 30.00

MASONS' PLUMBS AND LEVELS



No. 35

- No.
7 Masons' Plumb and Level, Arch Top Plate, Two Plumbs, Two Side Views, Polished and Tipped, 36 inches,
7 1/2 " " " " " " " " " " " " 36 " "
8 " " " " " " " " " " " " 42 " "
35 Patent Adjustable Masons' Plumb and Level, adapted also for Plumb Bob and Line,

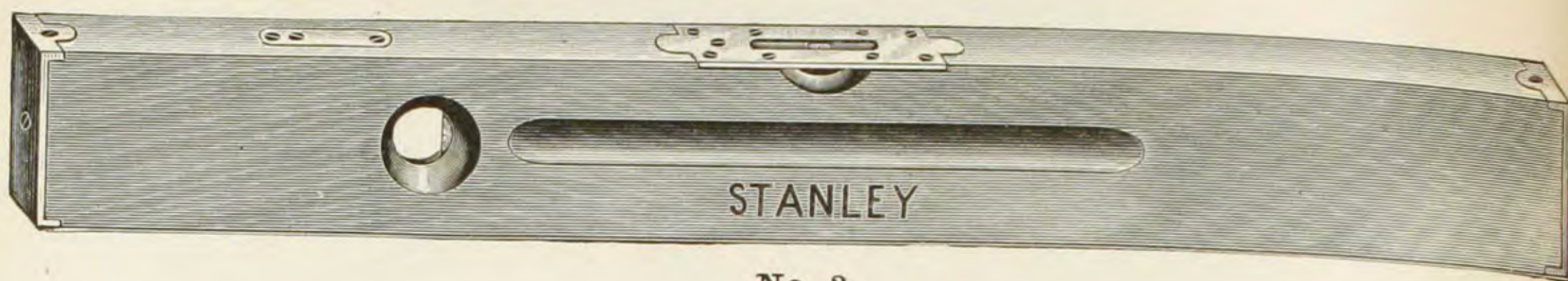
Per dozen.
\$36.00
30.00
36.00
48.00

Half dozen in a case.

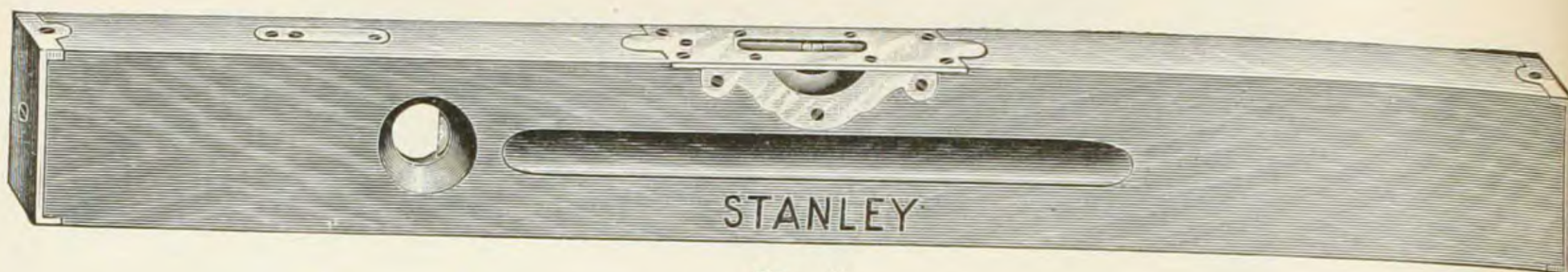


STANLEY RULE AND LEVEL COMPANY'S PATENT IMPROVED ADJUSTABLE PLUMBS AND LEVELS

All are now made with the "HAND-Y" Feature.



No. 3



No. 9

No.	Description	Per dozen.
1	Patent Adjustable Mahogany Plumb and Level, Arch Top Plate, Two Side Views, Polished, Assorted,	
2	Patent Adjustable Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Polished, Assorted,	24 to 30 inches, \$27.00
3	Patent Adjustable Plumb and Level, Arch Top Plate, Two Side Views, Polished and Tipped, Assorted,	24 to 30 " 27.00
4	Patent Adjustable Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Polished and Tipped, Assorted,	18 to 24 " 30.00
5	Patent Adjustable Plumb and Level, Triple Stock, Arch Top Plate, Two Ornamental Brass Lipped Side Views, Polished and Tipped, Assorted,	24 to 30 " 39.00
6	Patent Adjustable Mahogany Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Polished, Assorted,	24 to 30 " 48.00
9	Patent Adjustable Mahogany Plumb and Level, Arch Top Plate, Two Ornamental Brass Lipped Side Views, Polished and Tipped, Assorted,	24 to 30 " 33.00
10	Patent Adjustable Mahogany Plumb and Level, Triple Stock, Two Ornamental Brass Lipped Side Views, Arch Top Plate, Polished and Tipped, Assorted,	24 to 30 " 48.00
11	Patent Adjustable Rosewood Plumb and Level, Arch Top Plate, Two Ornamental Brass Lipped Side Views, Polished and Tipped, Assorted,	24 to 30 " 60.00
		24 to 30 " 90.00

STANLEY'S PATENT DUPLEX PLUMBS AND LEVELS

All are now made with the "HAND-Y" Feature.



No. 25

These Levels have the ordinary form of leveling glass, set in the top surface of the Stock. For any uses where an observation of the glass, sidewise, may be found convenient, an additional leveling glass is set in the side, at the opposite end from the plumb. Both glasses are protected by Brass Discs, can be seen from either side, and are inserted in the Level with the least possible removal of wood from the Stock.

No.	Description	Per dozen.
25	Patent Adjustable Plumb and Level, Mahogany, Arch Top Plate, Improved Duplex Side Views, Polished, Tipped, Assorted,	
30	Patent Adjustable Plumb and Level, Cherry, Arch Top Plate, Improved Duplex Side Views, Polished, Tipped, Assorted,	24 to 30 inches, \$24.00
50	Patent Adjustable Plumb and Level, Cherry, Triple Stock, Arch Top Plate, Improved Duplex Side Views, Polished and Tipped, Assorted,	24 to 30 " 18.00
		24 to 30 " 24.00

Half dozen in a case.



STANLEY'S PLUMBS AND LEVELS

All are now made with the "HAND-Y" feature.

WITH GROUND GLASSES



No. 90

	No. 90	Per dozen.
No.	Mahogany Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, with Ground Glasses, 24 to 30 in.,	\$35.00
60	" " " " " " " " " " Tipped, with Ground Glasses,	
90	24 to 30 inches,	39.00



No. 95

No. 95												Per dozen.
No.	Brass Bound,	Mahogany	Plumb and Level,	Two Brass	Lipped Side Views,	with Ground	Glasses,	24 to 30 in.,				\$72.00
95								24 to 30 "				80.00
96	"	Rosewood	"	"	"	"	"	"	"	"	12	48.00
98	"	"	"	"	"	"	"	"	"	"		

In ordering, designate the lengths of the levels wanted—24, 26, 28, or 30 inches.

MASONS' PLUMBS AND LEVELS

WITH GROUND GLASSES

The two Plumb Glasses are set in separate holes; but each on the right-hand side. This will enable the workman to plumb work below where he stands, or above him, without turning the Level Stock end for end, which is found to be a great convenience.

70	Mahogany Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Two Plumbs, with Ground Glasses, 36 inches,	\$45.00
80	Mahogany Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Two Plumbs, with Ground Glasses, 42 inches,	50.00

One in a box.

PROVED LEVEL GLASSES



Made of extra thick tubing. By a patented process, each Level Glass is marked at its highest or crowning point by two indelible lines; and each Plumb Glass with a single line. The owner can thus easily set the glass accurately in its proper position.

Length, inches,	1 to 1 3/4	2	2 1/2	3	3 1/2	4	4 1/2	Assorted, 1 3/4, 3, and 3 1/2 inch
Per gross,	\$9.50	10.00	10.50	11.50	13.00	14.50	16.00	12.00

GROUND LEVEL GLASSES

The inside surfaces of these Glasses are ground perfectly smooth; and thus the bubble is made extremely sensitive.

The inside surfaces of these Glasses are ground perfectly smooth; and thus the bubble is made extremely sensitive.							
Length, inches,	1 to 1 $\frac{3}{4}$	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$
Per dozen,	\$5.00	6.00	6.50	7.00	7.50	8.00	9.00
One dozen in a wooden box.							

HEXAGON POCKET LEVELS



WITH DETACHABLE BASE PIECE

No. 33 Nickel-plated, with Ground Glasses, each \$1.25
One in a box.



NO. 31. HEXAGON POCKET LEVELS,
NICKEL-PLATED, PROVED GLASSES

Length, inches,	2	2½	3	3½	4	4½
Per dozen,	\$3.25	3.50	4.25	5.00	6.00	6.50

Half dozen in a box.

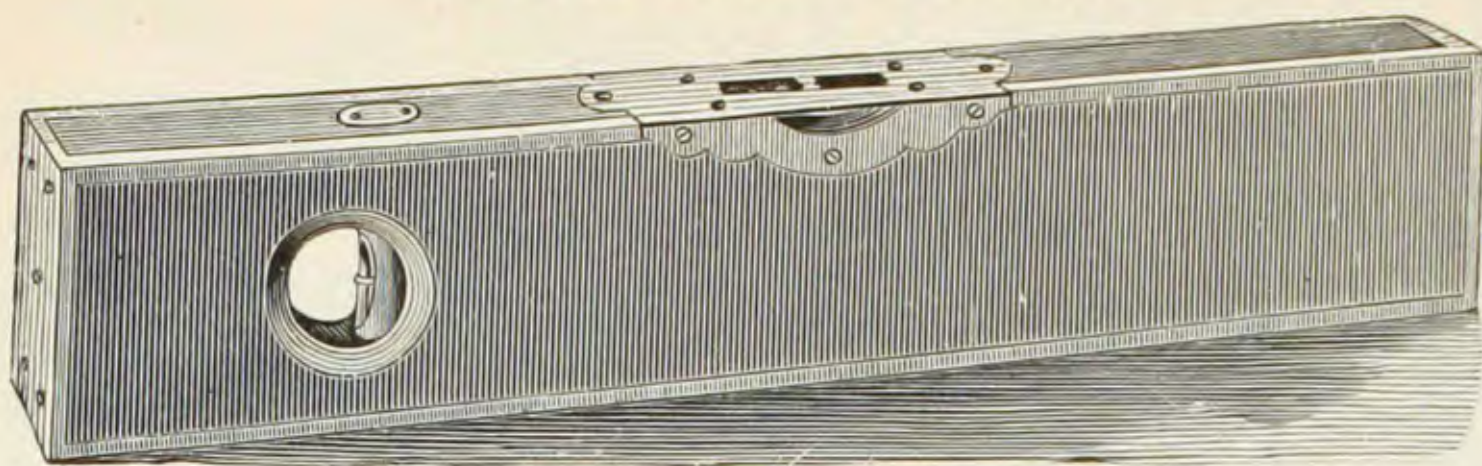


MACHINISTS' IRON LEVELS

No.		Per dozen.
38½	Iron Level, Nickel-plated, 4 inches,	\$4.50
39½	" " " " 6 "	5.50



STRATTON'S LEVELS



No. 1 ADJUSTABLE PLUMB AND LEVEL.
The corners are protected from injury, and preserved true and perfect by brass rods, extending the entire length of the Level, securely attached to the wood. These Levels have two Ornamental Brass Lipped Side Views, Heavy Brass Top and End Plates, and are made of the best, thoroughly seasoned Mahogany and Rosewood, Polished.

Length, inches,	22	24	26	28	30
Mahogany, each,	\$4.70	4.85	5.00	5.15	5.40
Rosewood, "	6.50	7.00	7.25	7.60	8.00

No. 2 Patent Adjustable Mahogany Plumb and Level, two ornamental Brass Lipped Side Views, heavy Circular End Top Plate, Tipped, Polished, 26, 28, and 30 inches, each, \$3.60

No. 3 Is like No. 2, with Tips like No. 4; 26, 28, and 30 inches, " 3.00

No. 4 Patent Adjustable Mahogany Plumb and Level, two Side Views, heavy Circular End Top Plate, Tipped, Polished, 26, 28, and 30 inches, " 2.10

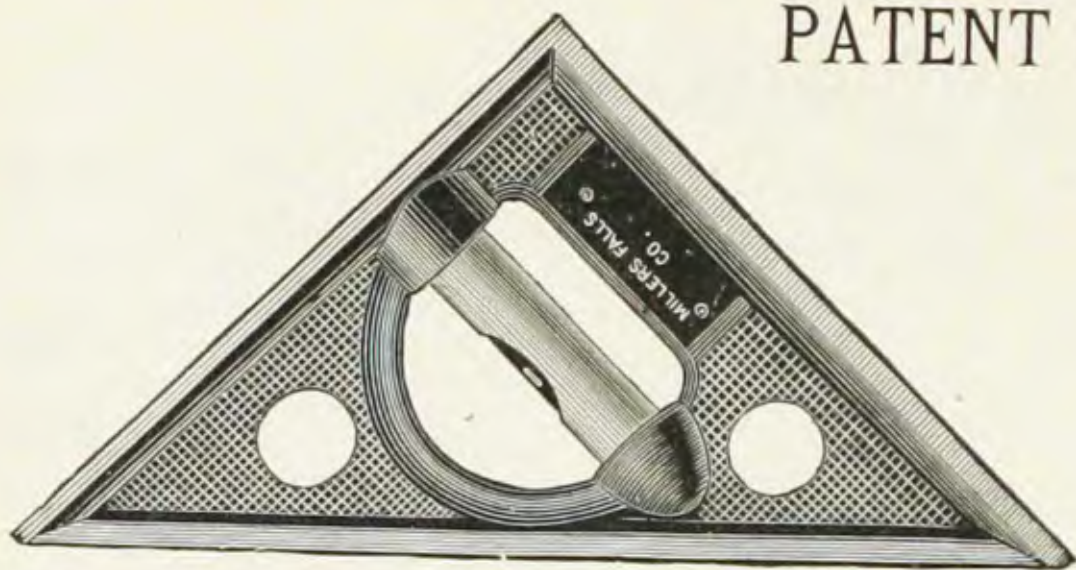
No. 5 Patent Adjustable Cherry Plumb and Level, two side Views, heavy circular End Top Plate, Polished, 26, 28, and 30 inches, " 1.50

No. 6 Mason's Patent Adjustable Mahogany Plumb and Level, two ornamental Brass Lipped Side Views, heavy Circular End Top Plate, Polished, 36 inches, each, \$3.25

No. 7 Mason's Level Mahogany Adjustable Level and Plumb, two Side Views, heavy Circular End Top Plate, Polished, 36 inches, " 2.50

No. 8 Mason's Level Cherry Adjustable Level and Plumb, two Side Views, heavy Circular End Top Plate, Polished, 36 inches, " 2.00

PATENT IRON LEVELS



No. 20 4 inch, Right Angle, Triangle Level, per dozen, \$9.00

No. 21 4 inch, Bench Level,

No. 22 5 " " "

per dozen, \$6.00
" " 7.20



No. 23	6 inch, Double Plumb Level,	Per dozen, \$18.00
No. 24	12 " " " "	21.00
No. 25	18 " " " "	24.00
No. 26	24 " " " "	30.00

ECLIPSE LEVELS



The outer shell of the Level Case can be turned, so as to completely protect the glass from damage when not in use.

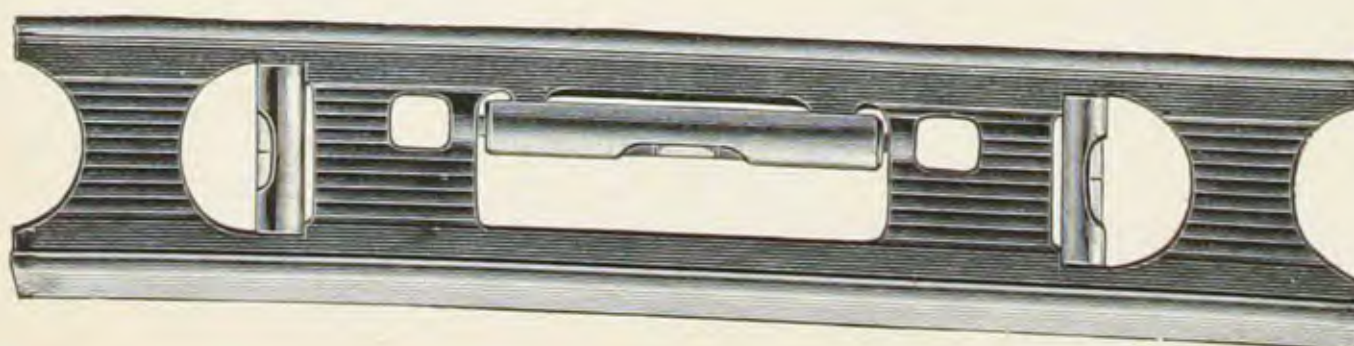
Nickel-plated, with Ground Glasses.

Length, inches, 4 6 8 10
No. 34 each, \$1.00 1.25 1.75 2.25

Will be sent with V bottoms (for leveling shafting, etc.) at same price, if so ordered.

One in a box.

METALLIC PLUMBS AND LEVELS



Japanned, Nickel-plated Trimmings, with Proved Glasses, Two Plumbs.

Length, inches,	12	18	24
No. 36 each,	\$1.50	1.75	2.00

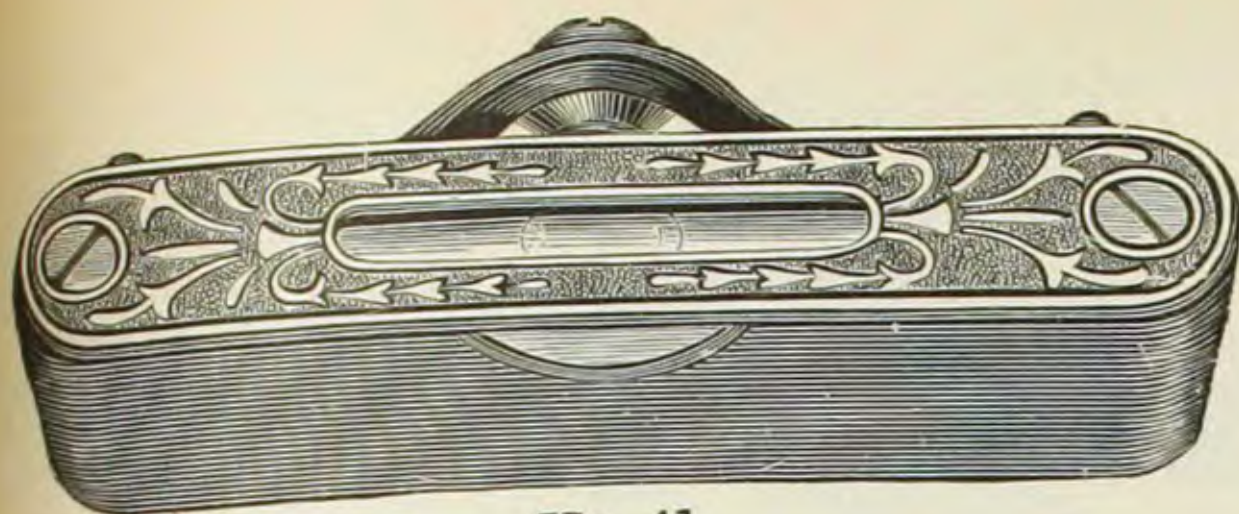
Nickel-plated, with Ground Glasses and Eclipse Cases, Two Plumbs.

Length, inches,	12	18	24
No. 37 each,	\$3.00	3.50	4.00

One in a box.



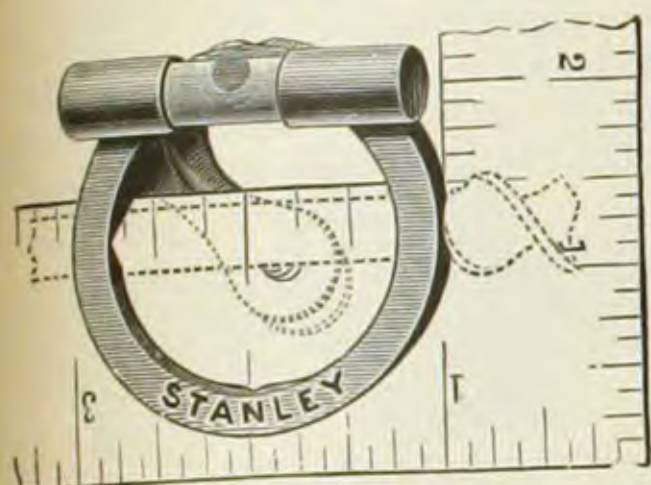
POCKET LEVELS



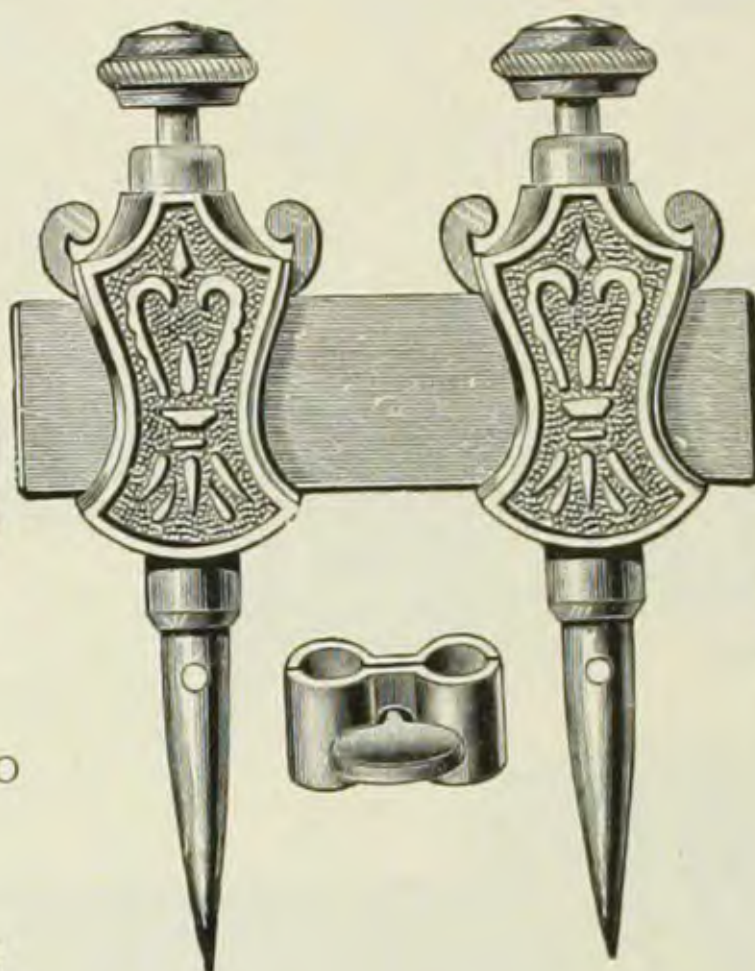
No. 41

No.		Per dozen.
40	Iron, Iron Top Plate, Japanned,	\$2.50
41	" Brass " "	3.00
42	Brass, " " "	8.00
46	Iron, " " " a superior article,	3.50

One dozen in a box.

STANLEY'S PATENT
BIT AND SQUARE LEVELSNo. 44 Brass Frame,
One in a box.

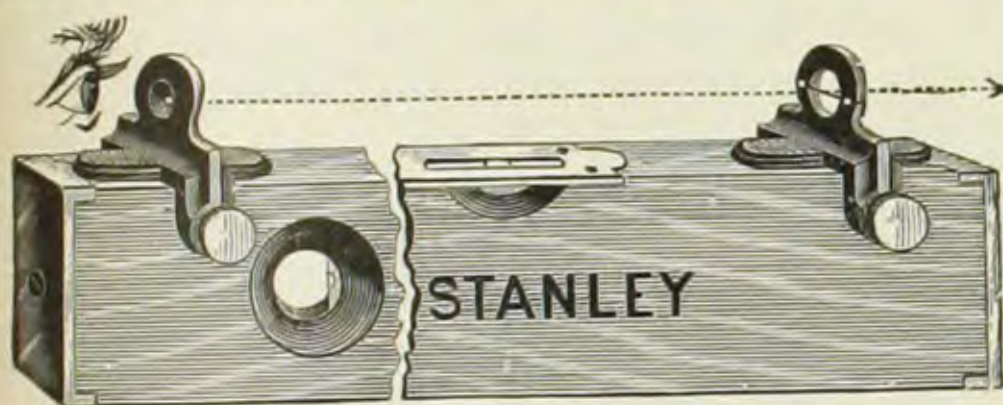
each, \$0.30

STANLEY'S
IMPROVED
TRAMMEL POINTSBRONZE METAL, STEEL
POINTSA Pencil Socket which
accompanies each pair can
be firmly clamped on either
point.

No.		Per pair.
1	Small,	\$1.00
2	Medium,	1.25
3	Large,	1.75

One pair in a box.

STANLEY'S IMPROVED LEVEL SIGHTS



By the use of these ingenious devices, which can be attached to any Level, the owner has a convenient and accurate means for leveling from one given point to another at a long distance away. When not in use, the Level Sights are easily detached, and can be packed away in a small space for future use.

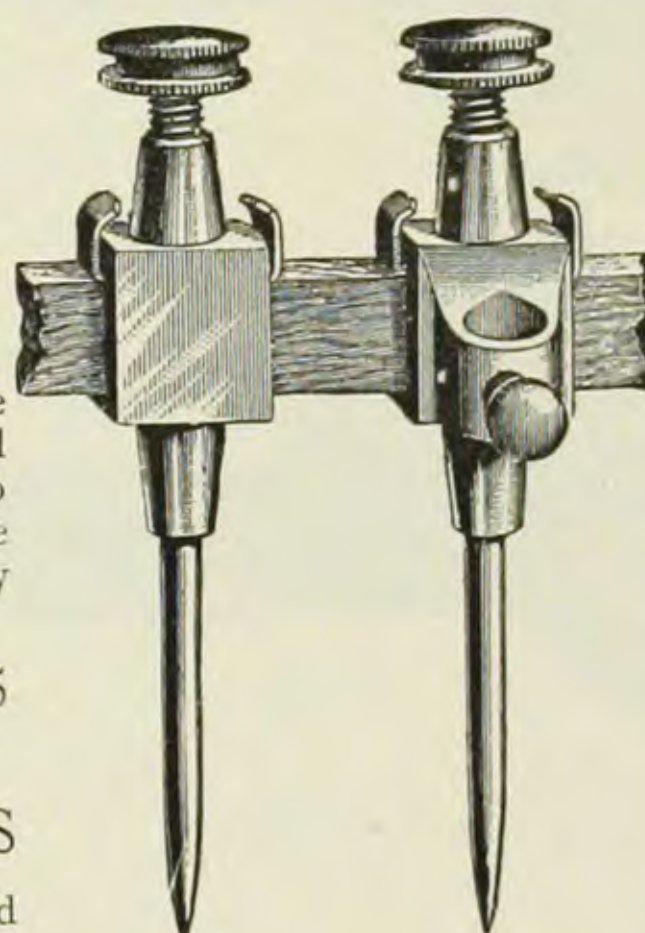
No. 1, per pair, \$0.75
One pair in a box.

ADJUSTABLE PLUMB BOBS

These Plumb Bobs are constructed with a Reel at the upper end, upon which the line may be kept, and by dropping the Bob with a slight jerk, while the Ring is held in the hand, any desired length of line may be reeled off. A Spring which has its bearing on the Reel, will check and hold the Bob firmly at any point on the line. A suitable length of line comes already reeled on each Plumb Bob.

No.		Each.
1	Bronze Metal, with Steel Point, small,	\$1.50
2	Bronze Metal, with Steel Point, large,	1.75
5	Iron, with Steel Point, large,	1.00

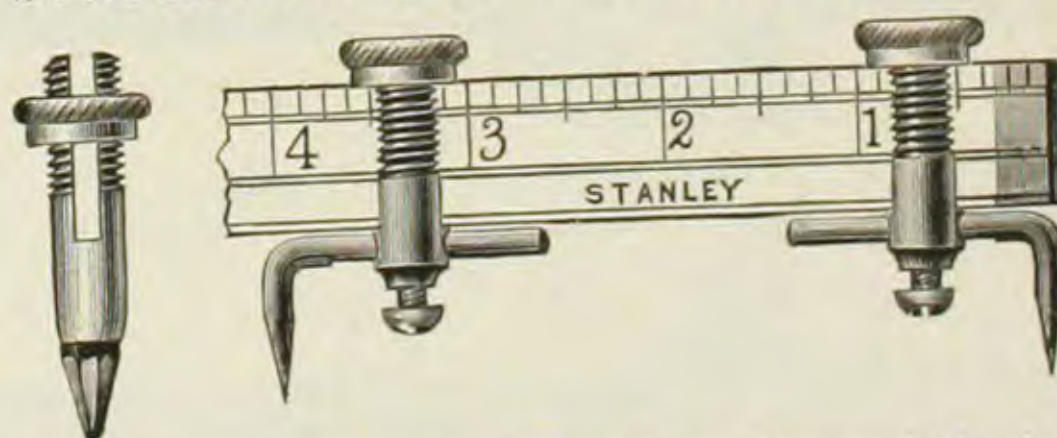
One in a box.

R. & E. MFG. CO.'S
TRAMMEL POINTSSteel Points, screwed in and
hardened, with attachment for
Pencil.

No	Size, inches.	Per pair.
1	$\frac{5}{16} \times \frac{1}{2}$	\$0.80
2	$\frac{3}{8} \times \frac{7}{8}$	1.15
3	$\frac{1}{2} \times 1$	1.50
4	$\frac{3}{4} \times 1 \frac{1}{2}$	2.75

One pair in a box.

STANLEY'S RULE TRAMMEL POINTS



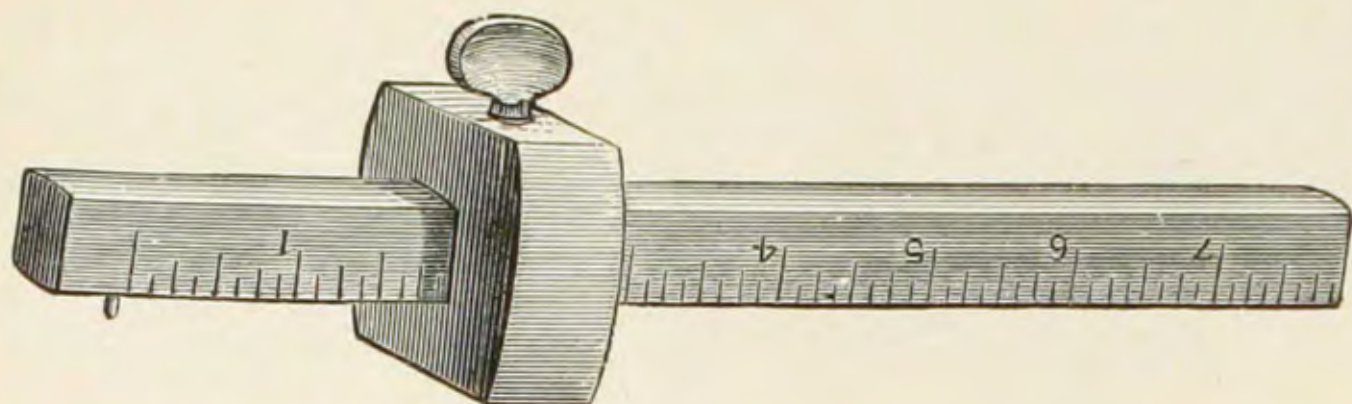
A complete set consists of two Brass Trammel Heads, with movable Steel Points, and one Head with a Pencil Socket.

No.
99Per set of three.
\$0.50

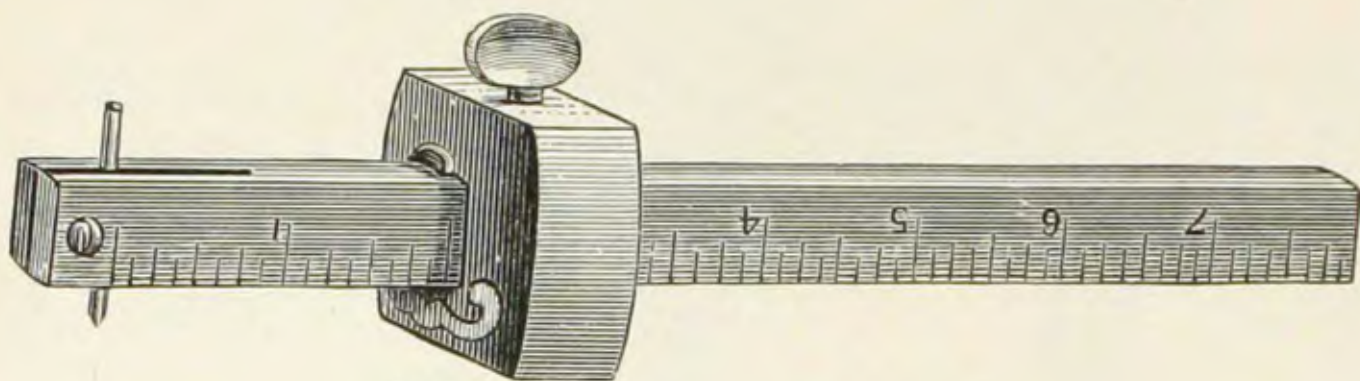
One set in a box.



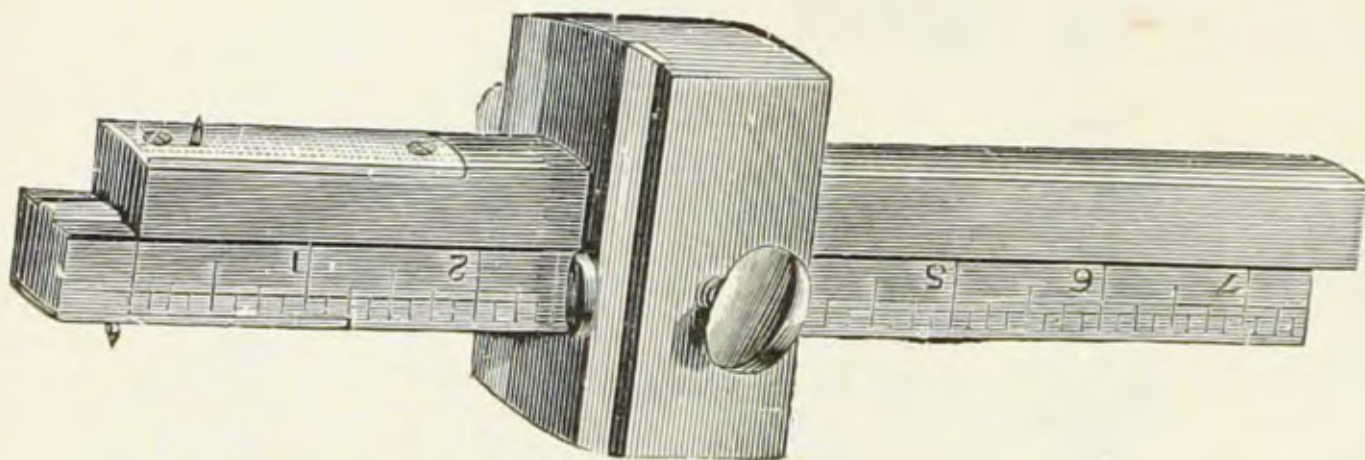
GAUGES



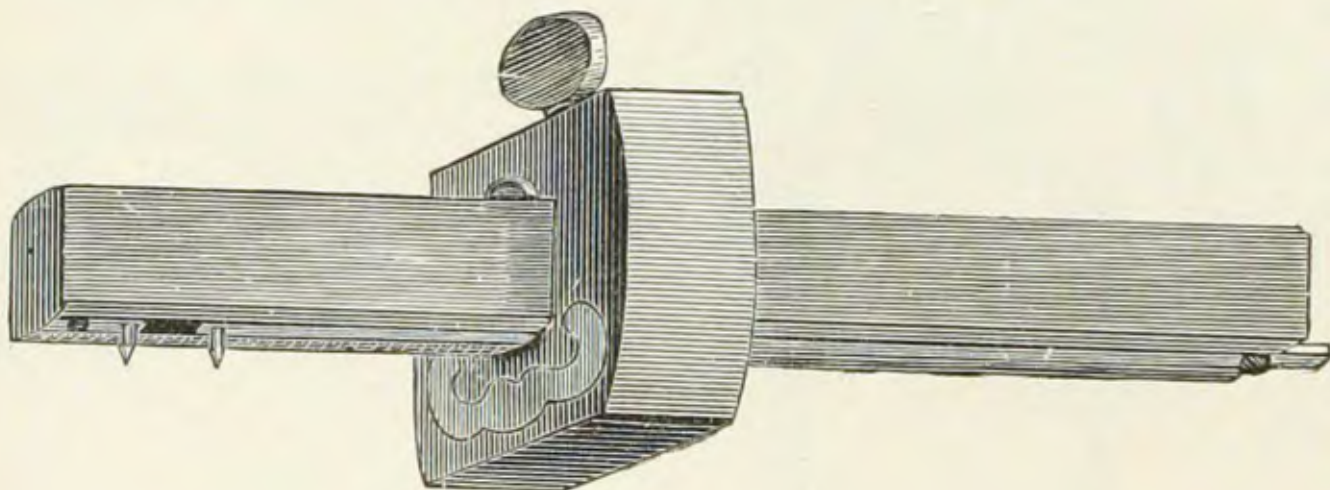
No. 61



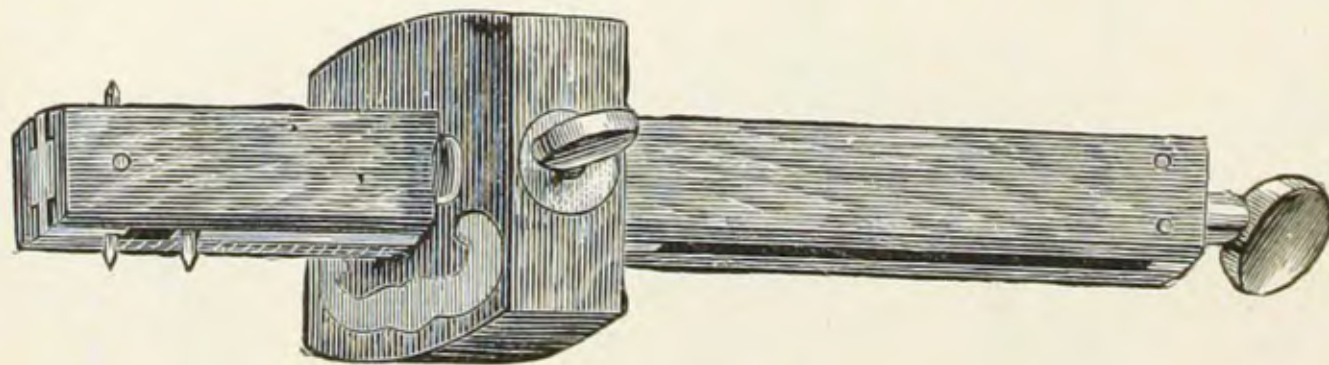
No. 65



No. 71



No. 73



No. 77



No. 85

No. 0 Marking Gauge, Beechwood, Boxwood
Thumb-screw, Marked, Steel Point,
Per dozen,

\$0.75

No. 61 Marking Gauge, Beechwood, Boxwood
Thumb-screw, Oval Bar, Marked, Steel Point,
Per dozen,

\$1.00

No. 62 Patent Marking Gauge, Beechwood, Pol-
ished, Boxwood Thumb-screw, Oval Bar,
Marked, Adjusting Steel Point,
Per dozen,

\$2.00

No. 64 Patent Marking Gauge, Polished, Plated
Head, Boxwood Thumb-screw, Oval Bar,
Marked, Adjusting Steel Point,
Per dozen,

\$2.75

No. 65 Patent Marking Gauge, Boxwood, Pol-
ished, Plated Head, Brass Thumb-screw and
Shoe, Oval Bar, Marked, Adjusting Steel Point,
Per dozen,

\$6.00

No. 70 Cutting Gauge, Mahogany, Polished,
Plated Head, Boxwood Thumb-screw, Oval
Bar, Marked, Steel Cutter,
Per dozen,

\$4.00

No. 71 Patent Double Gauge (Marking and
Mortise Gauge combined), Beechwood, Pol-
ished, Plated Head and Bars, Brass Thumb-
screws and Shoes, Oval Bars, Marked, Steel
Points,
Per dozen,

\$8.00

No. 72 Patent Double Gauge (Marking and Mor-
tise Gauge combined), Beechwood, Polished,
Boxwood Thumb-screws, Oval Bars, Marked,
Steel Points,
Per dozen,

\$4.00

No. 73 Patent Mortise Gauge, Boxwood, Pol-
ished, Plated Head, Brass Slide, Brass Thumb-
screw and Shoe, Oval Bar, Marked, Steel
Points,
Per dozen,

\$8.00

No. 76 Patent Mortise Gauge, Boxwood, Pol-
ished, Plated Head, Screw Slide, Brass Thumb-
screw and Shoe, Oval Bar, Marked, Steel
Points,
Per dozen,

\$11.00

No. 77 Patent Mortise and Marking Gauge,
Rosewood, Plated Head, Improved Screw
Slide, Brass Thumb-screw and Shoe, Oval
Bar, Marked, Steel Points,
Per dozen,

\$10.00

No. 84 Handled Slitting Gauge, with Roller, 17-
inch Bar, Marked,
Per dozen,

\$10.00

No. 85 Panel Gauge, Beechwood, Boxwood
Thumb-screw, Oval Bar, Steel Point,
Per dozen,

\$3.20

No. 85½ Panel Gauge, Rosewood, Plated Head
and Bar, Brass Thumb-screw and Shoe, Steel
Point,
Per dozen,

\$18.00

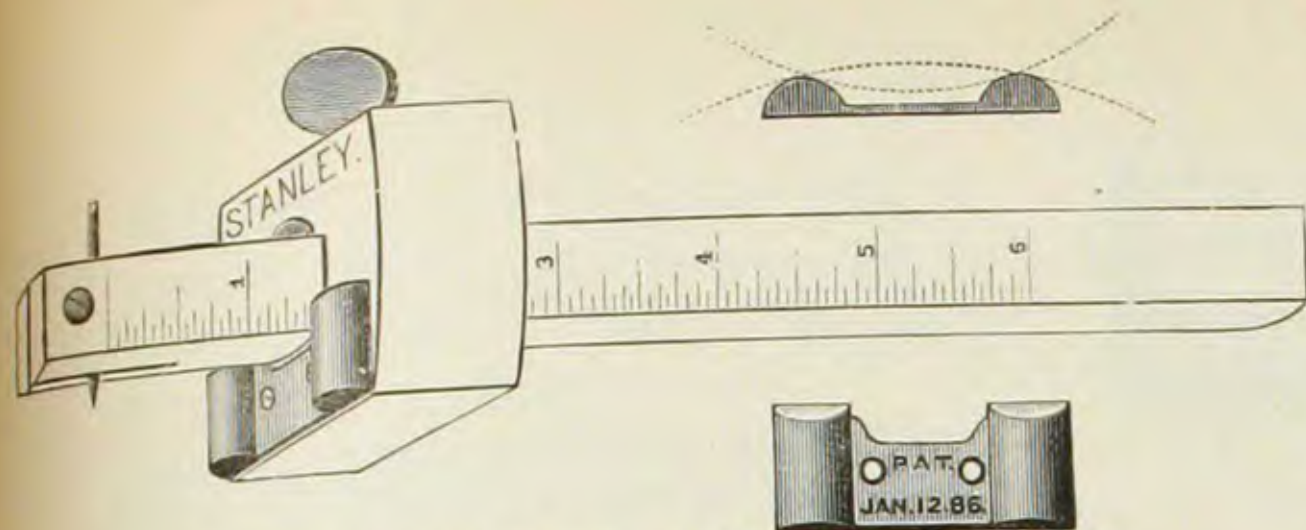
Nos. 0, 61, 62, 64, 70, and 85, one dozen in a box; others, half dozen.



STANLEY'S IMPROVED GAUGES

The Brass Face, with two ribs attached to one side of the Gauge-head (see engraving) will enable the owner to run a gauge-line with perfect steadiness and accuracy around curves of any degree, and either concave or convex. The Gauge-head is reversible, and the flat side can be used for all ordinary work.

Any style of Gauge—with this valuable improvement included—may be ordered as Nos. 161, 162, etc., instead of Nos. 61, 62, etc. Add \$1.00 per dozen to the price given on the corresponding Gauge—without the improvement—in our regular List of Gauges.



STANLEY'S BUTT AND RABBET GAUGE

FOR HANGING DOORS, MORTISING, MARKING, ETC.

This Gauge has two bars, both of brass, one movable within the other. The two steel blades or markers at the extreme end of the inner bar can be moved to any position by means of Thumb-screw at opposite end of Gauge.



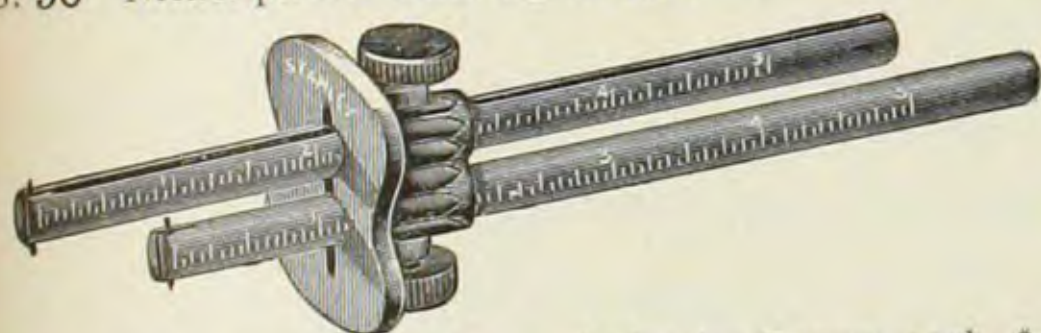
No. 92 Improved Butt and Rabbet Gauge, each, \$1.25
One in a box.

IMPROVED MARKING AND MORTISE GAUGES

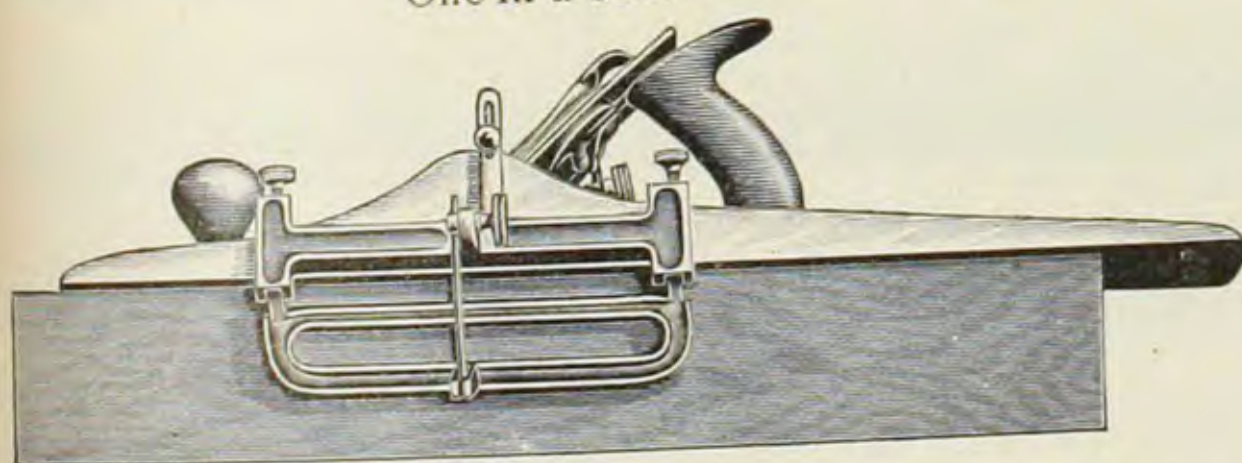
The steel points are attached very near the ends of the bars, to admit of being used close up into a rabbet or corner. The head of the Marking Gauge can be turned over, for a broad or narrow bearing, as desired.



No. 90 Nickel-plated Marking Gauge, each, \$0.35



No. 91 Nickel-plated Marking and Mortise Gauge, each, \$0.65
One in a box.



Per dozen,

\$18.00

SHEPARDSON'S IRON PLANE GAUGES

Can be attached to any Iron Plane for Planing Bevels or Joint Boards. Nickel-plated.

No. 333

per dozen, \$24.00
One in a box.

GOODELL'S COMBINED GAUGE AND SQUARE

Especially designed for door hanging and all kinds of mortise work. In this it takes the place of three ordinary gauges and a try-square, thus insuring more uniform and perfect work with a great saving of time and labor. Every part is made of steel, insuring durability and lightness. The tool is fully Nickel-plated.

Per dozen,

One in a box.

\$12.00

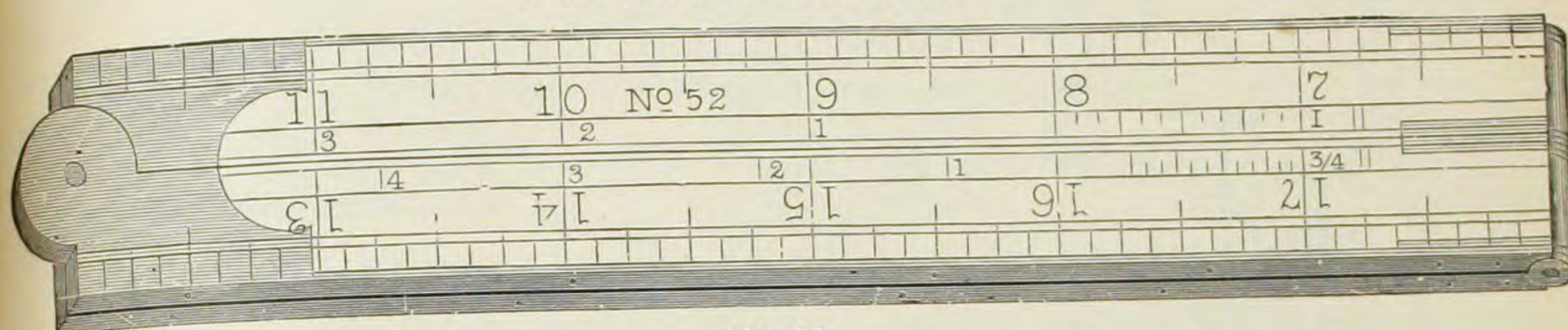


STANLEY RULE AND LEVEL CO.'S RULES

CONTINUED

BOXWOOD

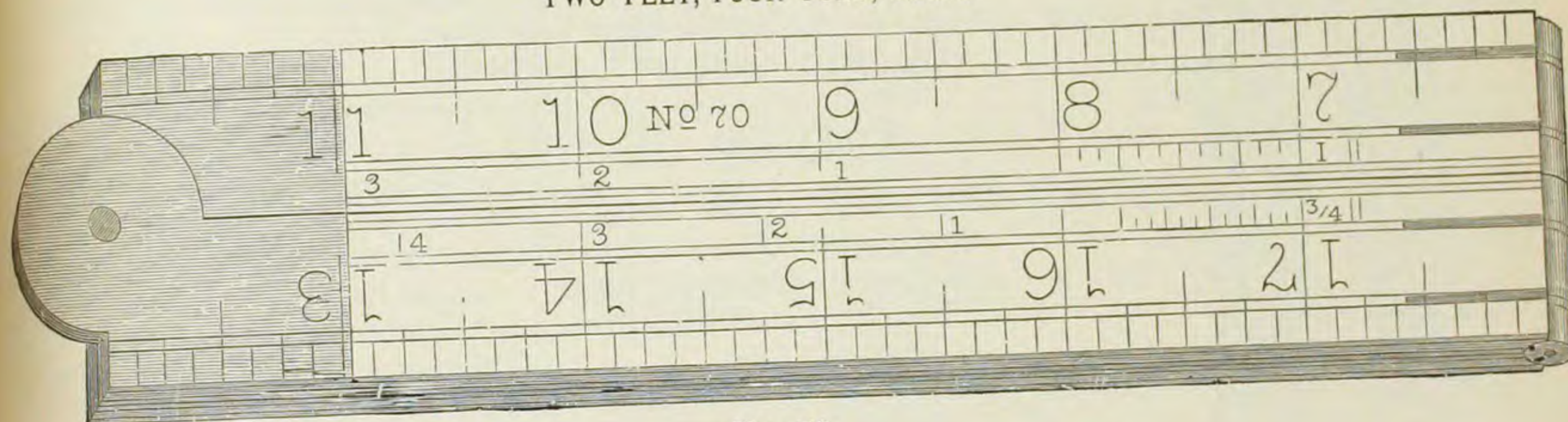
TWO FEET, FOUR FOLD, NARROW



No. 52

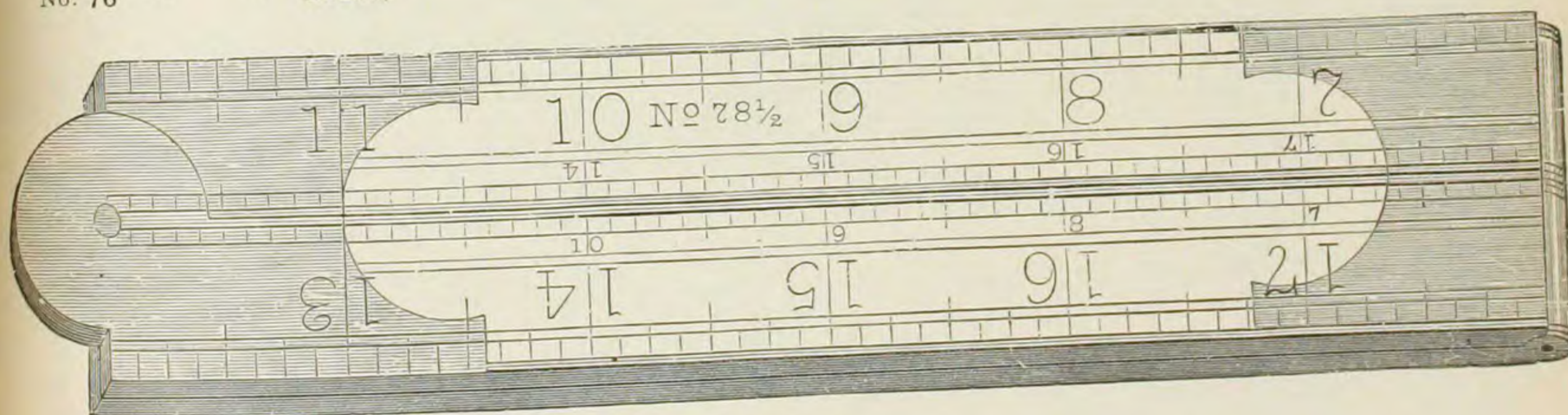
No. 51	Arch Joint, Middle Plates, 8ths, 10ths, 12ths, and 16ths of inches, Drafting Scales,	1 inch wide, per dozen, \$6.00
No. 53	" " Edge " " " " " " " " " " " "	1 " " " " " 8.00
No. 52	" " Half Bound, " " " " " " " " " " " "	1 " " " " " 13.00
No. 54	" " Bound, " " " " " " " " " " " "	1 " " " " " 16.00
No. 59	Double Arch Joint Bitted, " " " " " " " " " " " "	1 " " " " " 9.00
No. 60	" " " " Bound, " " " " " " " " " " " "	1 " " " " " 21.00

TWO FEET, FOUR FOLD, BROAD



No. 70

No. 67	Round Joint, Middle Plates, 8ths and 16ths of inches, Drafting Scales,	1 3/8 inches wide, per dozen, \$5.00
No. 70	Square " " " " " " " " " " " "	1 3/8 " " " " " 7.00
No. 72	" " Edge " " 8ths, 10ths, and 16ths of inches, Drafting Scales,	1 3/8 " " " " " 9.00
No. 72 1/2	" " Bound, " " " " " " " " " " " "	1 3/8 " " " " " 18.00
No. 73	Arch " Middle Plates, " " " " " " " " " " " "	1 3/8 " " " " " 9.00
No. 75	" " Edge " " " " " " " " " " " "	1 3/8 " " " " " 11.00
No. 76	" " Bound, " " " " " " " " " " " "	1 3/8 " " " " " 20.00



No. 78 1/2

No. 77	Double Arch Joint, Bitted, 8ths, 10ths, and 16ths of inches, Drafting Scales,	1 3/8 in. wide, per doz., \$12.00
No. 78	" " " " Half Bound, " " " " " " " " " " " "	1 3/8 " " " " " 20.00
No. 78 1/2	" " " " Bound, " " " " " " " " " " " "	1 3/8 " " " " " 24.00
No. 83	Arch Joint, Edge Plates, Slide, 8ths, 12ths, and 16ths of inches, 100ths of a foot, and Octagonal Scales,	1 3/8 " " " " " 14.00

All above, half dozen in a box.



STANLEY RULE AND LEVEL CO.'S RULES

CONTINUED

BOXWOOD

TWO FEET, FOUR FOLD, BROAD, BOARD MEASURE

- No. 79 Square Joint, Edge Plates, 12ths and 16ths of inches, Drafting Scales, $1\frac{3}{8}$ inches wide, per dozen, \$11.00
- No. 81 Arch Joint, Edge Plates, 12ths and 16ths of inches, Drafting Scales, $1\frac{3}{8}$ inches wide, per dozen, 13.00
- No. 82 Arch Joint, Bound, 12ths and 16ths of inches, Drafting Scales, $1\frac{3}{8}$ inches wide, per dozen, 22.00

CARRIAGE MAKERS', FOUR FEET, FOUR FOLD

- No. 94 Arch Joint, Bound, 8ths and 16ths of inches, $1\frac{1}{2}$ inches wide, per dozen, \$48.00

TWO FEET, TWO FOLD

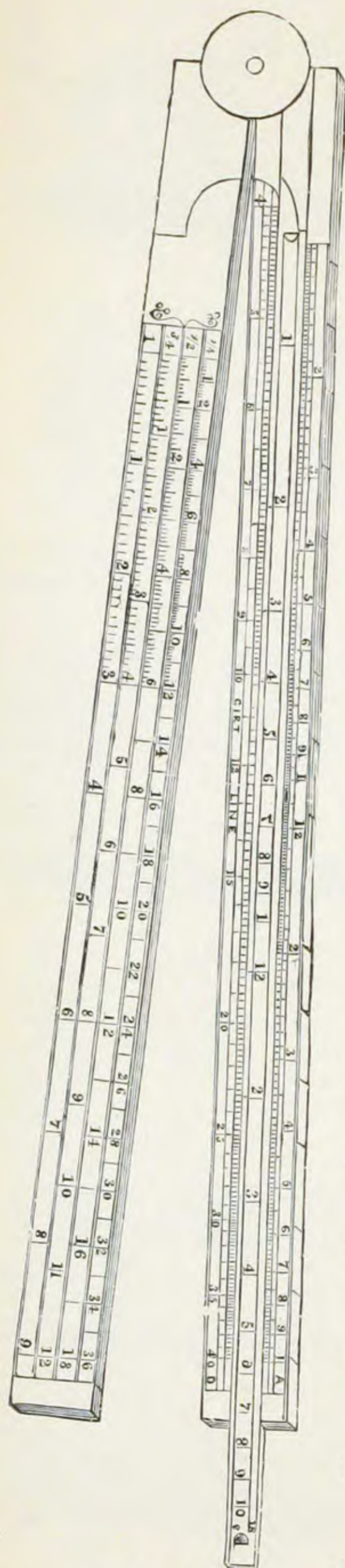
- No. 29 Round Joint, 8ths and 16ths of inches, $1\frac{3}{8}$ inches wide, per dozen, \$3.50
- No. 18 Square Joint, 8ths and 16ths of inches, $1\frac{1}{2}$ inches wide, per dozen, 5.00
- No. 22 Square Joint, Bitted, Board Measure, 10ths, 12ths, and 16ths of inches, Octagonal Scales, $1\frac{1}{2}$ inches wide, per dozen, 8.00
- No. 1 Arch Joint, 8ths and 16ths of inches, Octagonal Scales, $1\frac{1}{2}$ inches wide, per dozen, 7.00
- No. 2 Arch Joint, Bitted, 8ths, 10ths and 16ths of inches, Octagonal Scales, $1\frac{1}{2}$ inches wide, per dozen, 8.00
- No. 4 Arch Joint (Plates on outside of wood), Bitted, Extra Thin, 8ths and 16ths of inches, Drafting and Octagonal Scales, $1\frac{1}{2}$ inches wide, per dozen, 10.00
- No. 5 Arch Joint, Bound, 8ths, 10ths, and 16ths of inches, Drafting and Octagonal Scales, $1\frac{1}{2}$ inches wide, per dozen, 16.00

TWO FEET, TWO FOLD, SLIDE RULES

- No. 26 Square Joint, Slide, 8ths, 10ths, and 16ths of inches, Octagonal Scales, $1\frac{1}{2}$ inches wide, per dozen, 9.00
- No. 27 Square Joint, Bitted, Gunter's Slide, 8ths, 10ths, and 16ths inches, of 100ths of a foot, Drafting and Octagonal Scales, $1\frac{1}{2}$ inches wide, per dozen, 12.00
- No. 12 Arch Joint, Bitted, Gunter's Slide, 8ths, 10ths, and 16ths of inches, 100ths of a foot, Drafting and Octagonal Scales, $1\frac{1}{2}$ inches wide, per dozen, 14.00
- No. 15 Arch Joint, Bound, Gunter's Slide, 8ths, 10ths, and 16ths of inches, Drafting and Octagonal Scales, $1\frac{1}{2}$ inches wide, per dozen, 24.00
- No. 6 Arch Joint, Bitted, Gunter's Slide, Engineering, 8ths, 10ths, and 16ths of inches, 100ths of a foot, Octagonal Scales, $1\frac{1}{2}$ inches wide, per dozen, 18.00
- No. 16 Arch Joint, Bound, Gunter's Slide, Engineering, 8ths, 10ths, and 16ths of inches, Octagonal Scales, $1\frac{1}{2}$ inches wide, per dozen, 28.00

With recently constructed machinery, we can furnish, to order, Rules marked with Spanish Graduations, or with Metric Graduations.

All above, half dozen in a box.

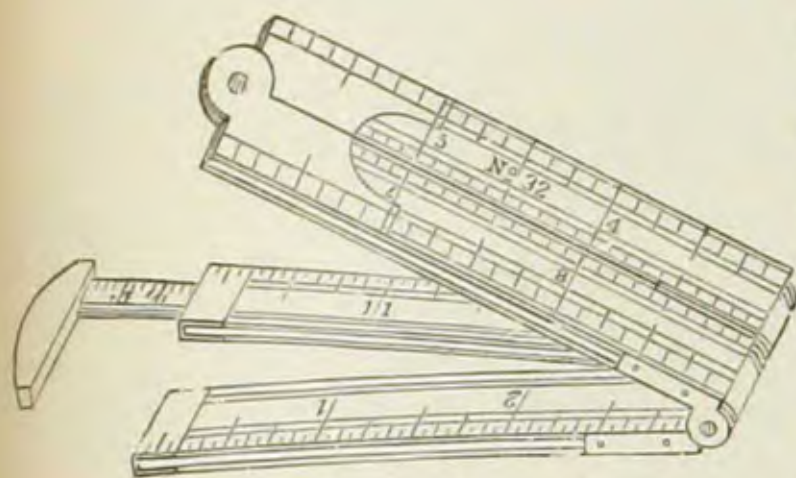


No. 12



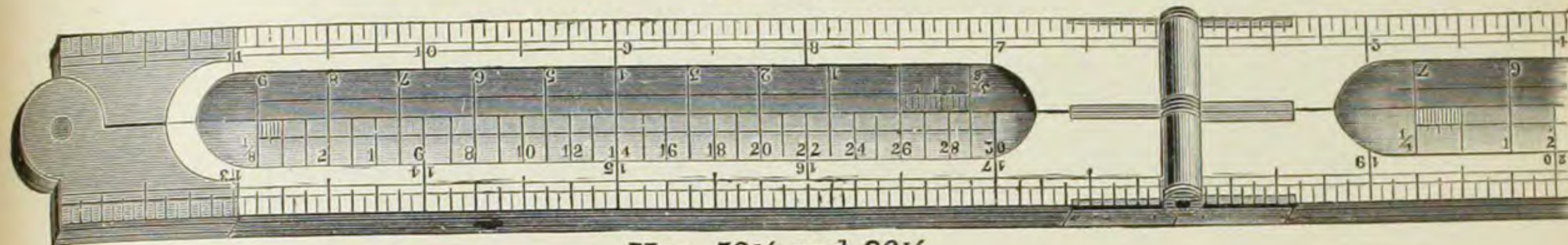
CONTINUED

BOXWOOD



No. 32

No. 36	Square Joint, with CALIPER, Two Fold, 6 in., 8ths, 10ths, 12ths, and 16ths of in., $\frac{7}{8}$ in. wide, per doz.,	\$7.00
No. 13	Square Joint, with CALIPER, Two Fold, 6 in., 8ths and 16ths of inches, $\frac{1}{8}$ " " " "	10.00
No. 13½	Square Joint, with CALIPER, Two Fold, 6 in., 8ths and 16ths of inches, $\frac{1}{2}$ " " " "	12.00
No. 36½	Square Joint, with CALIPER, Two Fold, 12 in., 8ths, 10ths, 12ths, and 16ths of inches, $\frac{1}{8}$ " " " "	12.00
No. 32	Arch Joint, with CALIPER, Edge Plates, Four Fold, 12 in., 8ths, 10ths, 12ths, and 16ths of inches, 1 " " " "	12.00
No. 32½	Arch Joint, with CALIPER, Bound, Four Fold, 12 in., 8ths, 10ths, 12ths, and 16ths of inches, 1 " " " "	20.00



Nos. 53½ and 86½

No. 53½	Arch Joint, Edge Plates, 8ths, 10ths, 12ths, and 16ths of inches, with Inside Beveled Edges, and Architects' Drafting Scales, (For price of No. 86½, see below.)	1 inch wide, per dozen, \$15.00
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TWO FEET, SIX FOLD

No. 58	Arch Joint, Edge Plates, 8ths, 10ths, 12ths, and 16ths of inches, $\frac{3}{4}$ inch wide, per dozen, \$13.00	
No. 58½	" " Bound, " " " " " " " " $\frac{3}{4}$ " " " " " " 36.00	

THREE FEET, FOUR FOLD

No. 66	Arch Joint, Middle Plates, Four Fold, 16th of inches outside, and Yard Stick graduations on inside, 1 inch wide, per dozen, \$8.00	
No. 66½	Arch Joint, Middle Plates, Four Fold, 8ths and 16ths of inches, 1 " " " " " " 8.00	

SHIP CARPENTERS' BEVELS

No. 42	Boxwood, Double Tongue, 8ths and 16ths of inches, per dozen, \$6.00	
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IVORY



No. 38

No. 38	Square Joint, German Silver, Two Fold, CALIPER, 6 inch, 8ths, 10ths, 12ths, and 16ths of inches, $\frac{7}{8}$ inch wide, per dozen, \$15.00	
No. 40½	Square Joint, German Silver, Bound, Two Fold, CALIPER, 6 inch, 8ths and 16th of inches, $\frac{5}{8}$ " " " " " " 24.00	
No. 39	Square Joint, Edge Plates, German Silver, Four Fold, CALIPER, 12 inch, 8ths, 10ths, 12ths, and 16ths of inches, $\frac{7}{8}$ " " " " " " 38.00	
No. 40	Square Joint, German Silver, Bound, Four Fold, CALIPER, 12 inch, 8ths, and 16ths of inches, $\frac{5}{8}$ " " " " " " 44.00	

IVORY, ONE FOOT, FOUR FOLD

No. 90	Round Joint, Brass, Middle Plates, 8ths and 16ths of inches, per dozen, \$10.00	
No. 92½	Square Joint, German Silver, Middle Plates, 8ths and 16ths of inches, $\frac{5}{8}$ inch wide, " " " " 14.00	
No. 92	" " " " " " " " " " " " $\frac{5}{8}$ " " " " " " 17.00	
No. 88½	Arch " " " " " " " " " " " " $\frac{5}{8}$ " " " " " " 21.00	
No. 88	" " " " " " " " " " " " $\frac{5}{8}$ " " " " " " 32.00	
No. 91	Square " " " " " " " " " " " " $\frac{3}{4}$ " " " " " " 23.00	

IVORY, TWO FEET, FOUR FOLD

No. 85	Square Joint, German Silver, Edge Plates, 8ths, 10ths, 12ths, and 16ths of inches, $\frac{7}{8}$ inch wide, per dozen, \$54.00	
No. 86	Arch Joint, German Silver, Edge Plates, 8ths, 10ths, 12ths, and 16ths of inches, 100ths of a foot, Drafting Scales, 1 " " " " " " 64.00	
No. 86½	Arch Joint, German Silver, Edge Plates, 8ths, 10ths, 12ths, and 16ths of inches, with Inside Beveled Edges, and Architects' Drafting Scales, 1 " " " " " " 96.00	
No. 87	Arch Joint, German Silver, Bound, 8ths, 10ths, 12ths, and 16ths of inches, Drafting Scales, 1 " " " " " " 80.00	
No. 89	Double Arch Joint, German Silver, Bound, 8ths, 10ths, 12th, and 16ths of inches, Drafting Scales, 1 " " " " " " 92.00	
No. 95	Arch Joint, German Silver, Bound, 8ths, 10ths, 12ths, and 16ths of inches, Drafting Scales, $\frac{1}{3}$ " " " " " " 102.00	
No. 97	Double Arch Joint, German Silver, Bound, 8ths, 10th, 12ths, and 16ths of inches, Drafting Scales, $\frac{1}{3}$ " " " " " " 116.00	

Nos. 42 and 90, one dozen in a box; all others, half dozen.

MISCELLANEOUS RULES

BENCH

No.		Per dozen.
34	Bench Rule, Maple, Brass Tips, 2 feet,	\$3.00

YARD STICKS

No.		Per dozen.
33	Yard Stick, Polished,	\$2.00
41	" " Brass Tips, Polished,	3.50
50	" " Hickory, Brass Capped Ends, Polished,	4.50

PATTERN MAKERS' SHRINKAGE

No.		Per dozen.
30	Pattern Makers' Shrinkage Rule, Boxwood, 8ths and 16ths of inches, 24 1/4 inches,	\$15.00
31	Pattern Makers' Shrinkage Rule, Two fold, Boxwood, Triple-plated Edge Plates, 8ths and 16ths of inches, 24 1/4 inches,	18.00

WANTAGE AND GAUGING RODS

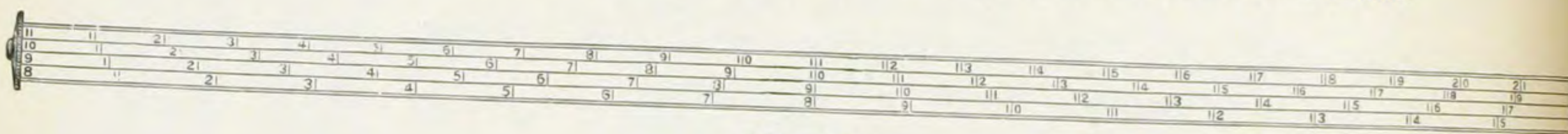
No.		Per dozen.
44	Wantage Rod, 8 Lines,	\$5.00
37	" " 12 "	7.00
45	Gauging " 120 Gallons, 3 feet,	7.00
45 1/2	" " 180 " Wantage Tables, 4 feet,	18.00

SADDLERS'

No.		Per dozen.
80	Saddlers' Rule, Capped Ends, 8ths and 16ths of inches, 1 1/2 inches wide, 36 inches,	\$9.00

BOARD AND LOG MEASURES

NOTE.—Nos. 43 1/2, 46, 46 1/2, 47, 47 1/2, 48, and 49 give the contents in Board Measure, of one inch Boards.

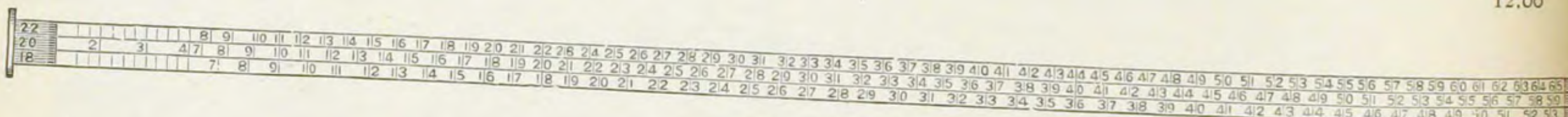


No. 47 1/2



No. 47

No.		Per dozen.
46	Board Stick, Octagon, Brass Caps, 8 to 23 feet, 2 feet,	\$8.00
46 1/2	" " Square, " " 8 to 23 " 2 "	8.00
47	" " Octagon, " " 8 to 23 " 3 "	12.00
47 1/2	" " Square, " " 8 to 23 " 3 "	12.00



No. 43 1/2

No.		Per dozen.
43 1/2	Board Stick, Flat, Hickory, Cast Brass Head and Tip, 6 Lines, 12 to 22 feet, 3 feet,	\$12.00
49	" " " " Steel Head, Brazed, Extra Strong, 6 Lines, 12 to 22 feet, 3 feet,	26.00



No. 48

NOTE.—The Log Measure (No. 48 1/2) has Doyle's Revised Tables, and gives the number of feet of one inch square edged boards, which can be sawed from a log of any size, from 12 to 36 inches in diameter, and of any length. The figures immediately under the head of the Cane are for the lengths of Logs in feet. Under these figures, on the same line at the mark nearest the diameter of the Log, will be found the number of feet the Log will make.

No.		Per dozen.
48	Walking Cane, Board Measure, Octagon, Hickory, Cast Brass Head and Tip, 8 Lines, 9 to 16 feet, 3 feet,	\$12.00
48 1/2	" " Log Measure (Doyle's Revised), Octagon, Hickory, Cast Brass Head and Tip, 3 "	15.00
71	Wood Measure, Brass Caps, 8ths of inches, 10ths of a foot, 4 "	8.00



LUFKIN RULE CO.'S BOARD AND LOG RULES

SPRING STEEL BOARD RULES

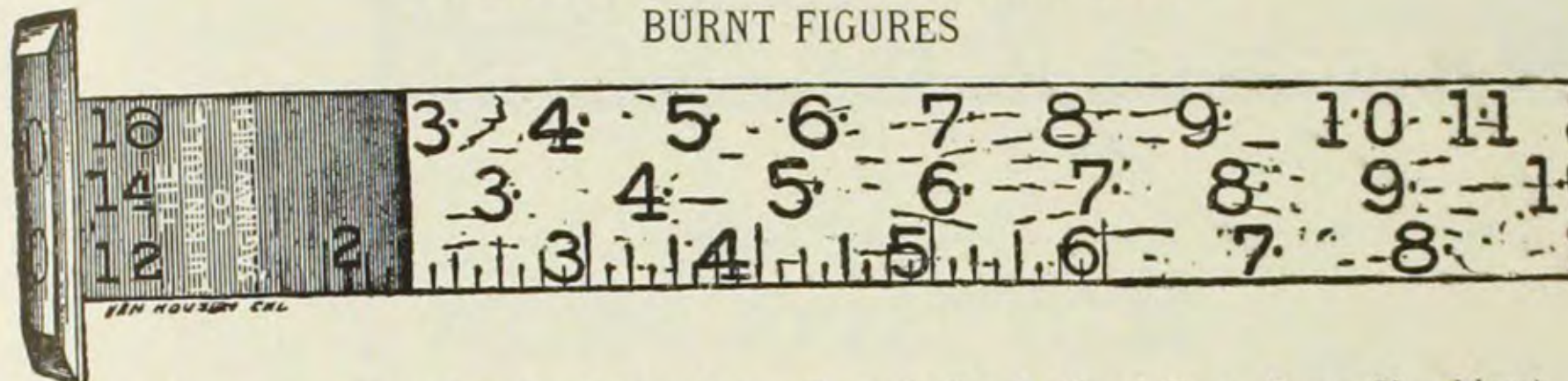
WITH WOOD HANDLE AND LEATHER SLIDE
FROSTED SURFACE, NICKEL-PLATED, AND LACQUERED BLACK FIGURES



Nos.	51	52	52½	Nos.	58	58½	59
Feet,	3½	3	2½	Feet,	3	2½	3
Tier,	3	3	3	Tier,	4	4	5
Per dozen,	\$42.00	36.00	33.00	Per dozen,	\$39.00	36.00	42.00
No. 51, Inspectors' Rules.				Nos. 52, 58, 59, Board Rules.			
				Nos. 52½, 58½, Sorting Rules.			

HICKORY BOARD RULES

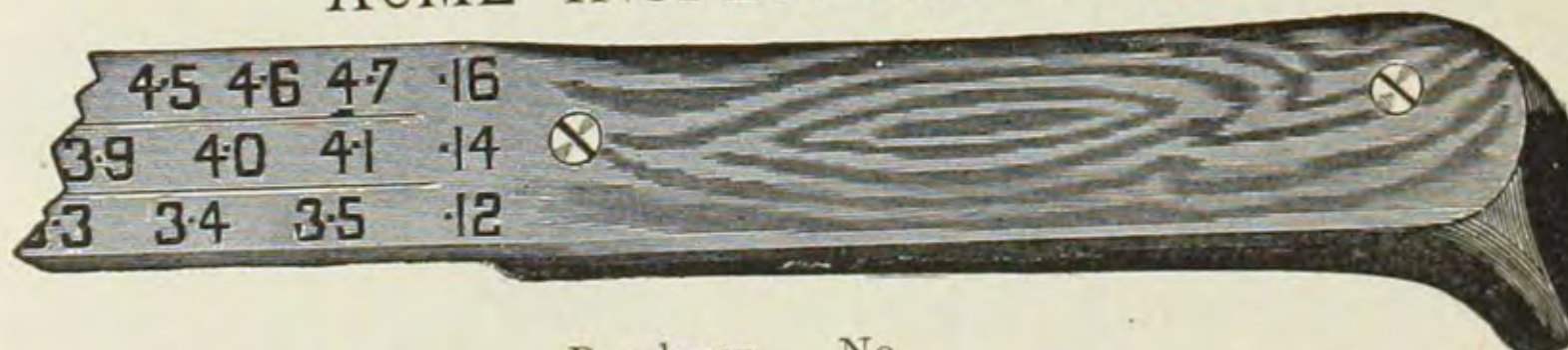
BURNT FIGURES



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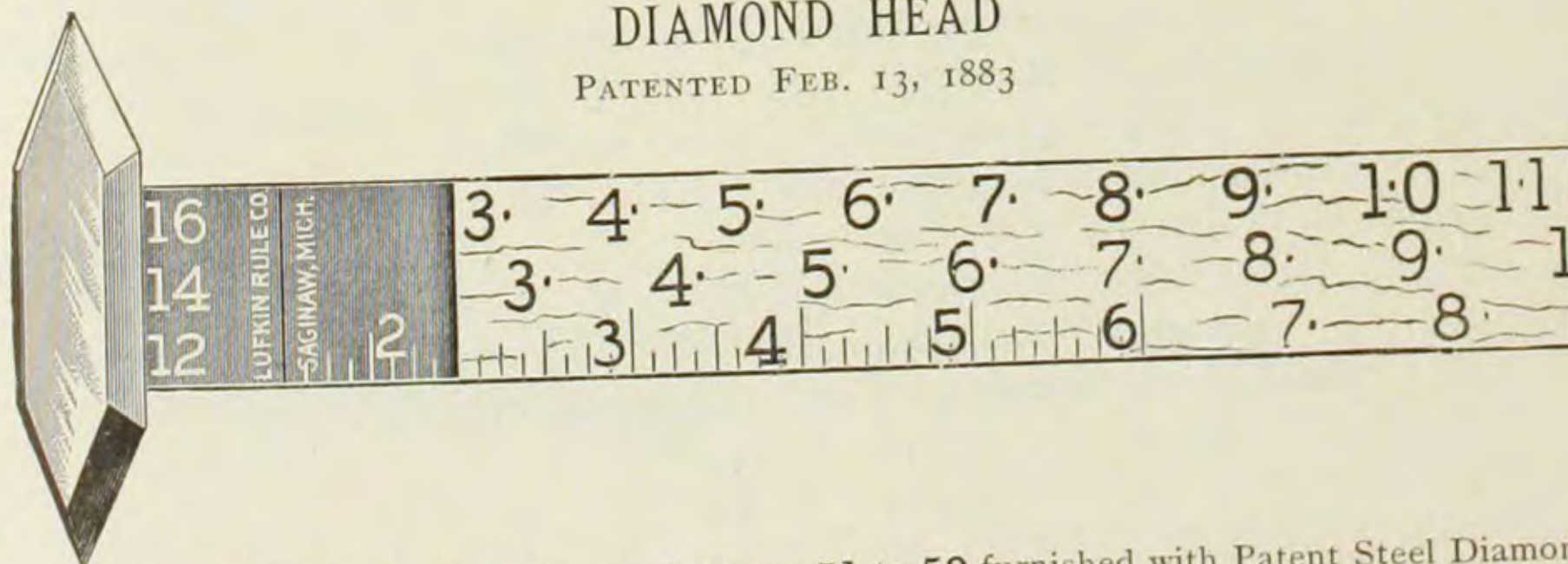
Diamond Heads and Acme Handles, as described below, can be furnished on above rules.
Diamond Heads, extra, per dozen, \$2.00 Acme Handles, extra, per dozen, \$3.00

ACME INSPECTORS' RULES



No.	1	2	Per dozen.	No.	2	Per dozen.
Acme—3½ feet, 3 Tier, Extra Heavy Brazed Head,	\$30.00	Acme—3 feet, 3 Tier, Extra Heavy Brazed Head,	\$28.00			

DIAMOND HEAD PATENTED FEB. 13, 1883



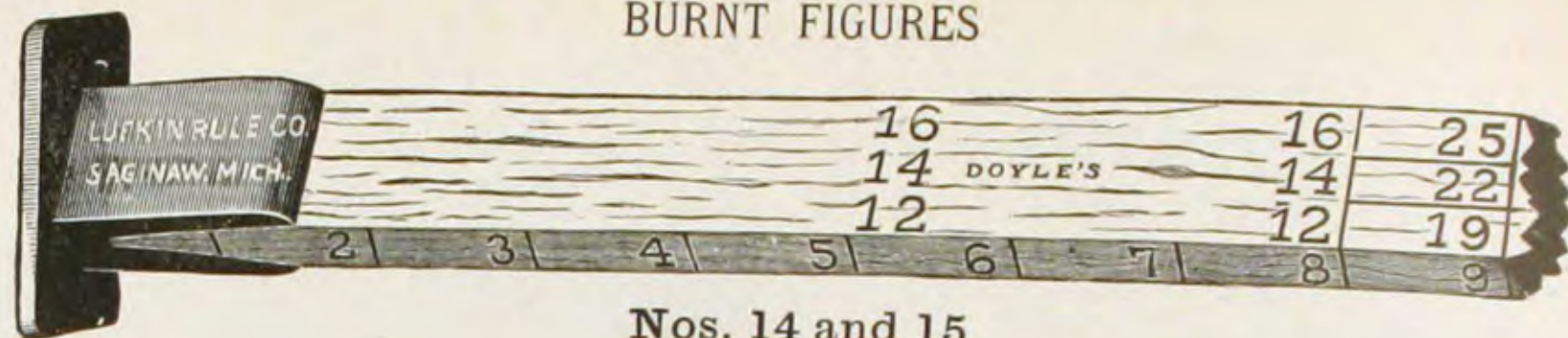
Board Rules, Nos. 1, 2, 2½, 3, 6, 8, 12, 1 Acme, 2 Acme, 51 to 59 furnished with Patent Steel Diamond Head, per dozen, \$2.00 at an additional price of

All above, half dozen in a package.



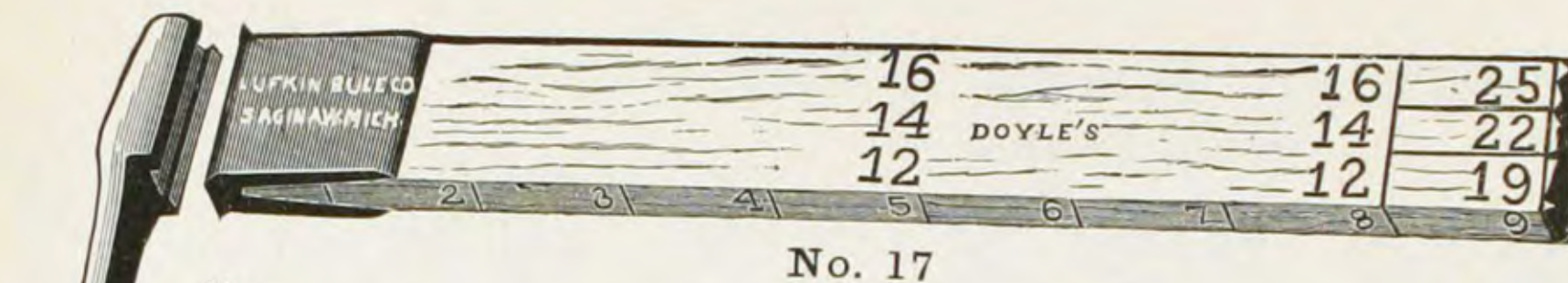
HICKORY LOG RULES

BURNT FIGURES



Nos. 14 and 15

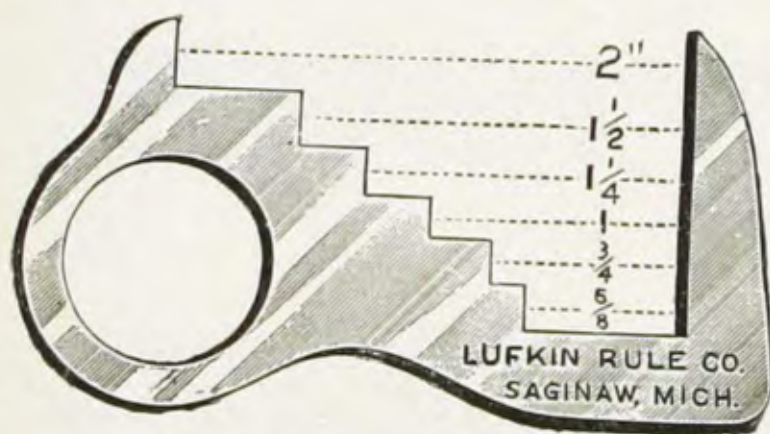
No.		Nos. 14 and 15	
14	4 feet 8 inches, Square Head, figured 48 inches, with 8 inch Handle,		Per dozen.
15	3 " 6 " " " " 36 " " 6 " "	\$27.00	
20	4 " 8 " No " " 48 " " 8 " "	23.00	
		21.00	



No. 17

No.											
16	4 feet 8 inches, Solid	Hook, figured	48 inches, 8 inch Handle,	Per dozen.							
17	4 " 8 " Detachable	" "	48 " 8 " "	\$27.00							
19	4 " 8 " Plain	" "	48 " 8 " "	28.00							
Made with any scale desired. Doyle, Scribner, and Decimal Scales are made.				25.00							

Made with any scale desired. Doyle, Scribner, and Decimal Scales are regular, all other scales are special. Regular rules are marked to scale from 8 to 20 feet, or 12 to 24 feet logs, every two feet. In ordering, always state whether 8 to 20 or 12 to 24, also what scale is wanted. The list numbers refer only to length and style of rules. Rules furnished for any diameter or length measurements desired. For all special rules an extra price will be charged.

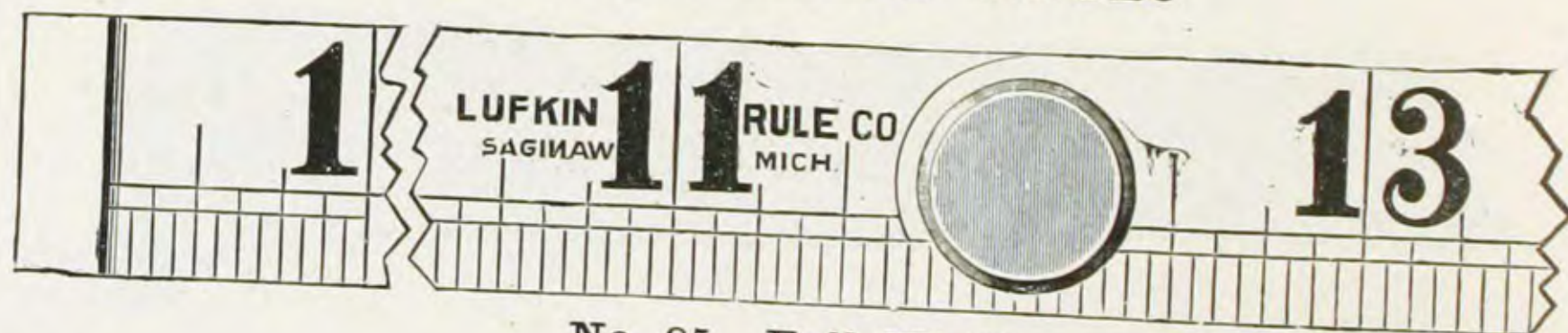


LUMBER GAUGES

A neat device worn on the finger for determining the thickness of lumber.
Can be carried in the vest pocket. Nicely nickel-plated.

No.	Can be carried in the vest pocket.		Nicely nickel-plated.	
0	Measures	1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2	inches,	Per dozen.
00	"	$\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 2	"	\$6.00
000	"	$\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 2, 2 $\frac{1}{2}$	"	6.00
				6.50

FOLDING STEEL RULES



No. 85. Full Width

No.	Feet.	Gauge.		No. 85. Full Width	Rules only. Per doz.	Rules with Case. Per doz.	Nickel- plating. Per doz.
70	2	$\frac{3}{4}$ in.	$\times 21$	4 fold, $\frac{1}{8}$ in. on one side; $\frac{1}{16}$ in. on other,			
77	2	$\frac{3}{4}$ "	$\times 21$	3 " Board Measure, 8 ft. $\times$ 22 ft., lengths,	\$14.00	\$18.00	\$3.00
80	2	$\frac{3}{4}$ "	$\times 21$	2 " $\frac{1}{8}$ in. on one side; $\frac{1}{16}$ in. on other,	14.00	17.00	3.00
85	2	$\frac{3}{4}$ "	$\times 21$	1 Stop Joint, German Silver Ends, $\frac{1}{8}$ in. on one side; $\frac{1}{16}$ in. on other,	10.00		3.00
86	2	$\frac{3}{4}$ "	$\times 21$	1 Stop Joint, German Silver Ends, $\frac{1}{8}$ in. on one side; Circumference inch on other,	12.00		3.00
42	1	$\frac{3}{8}$ "	$\times 28$	3 fold, $\frac{1}{16}$ in. one side, $\frac{1}{10}$ and $\frac{1}{100}$ ft. on other;	17.00		3.00
42A	2	$\frac{3}{8}$ "	$\times 28$	6 " $\frac{1}{16}$ " " " $\frac{1}{10}$ " $\frac{1}{100}$ " " " "		Surveyor's Rules, 7.00	1.50
42B	3	$\frac{3}{8}$ "	$\times 28$	9 " $\frac{1}{16}$ " " " $\frac{1}{10}$ " $\frac{1}{100}$ " " " "	"	" 12.00	2.50
47	2	$\frac{3}{8}$ "	$\times 26$	4 " $\frac{1}{16}$ " " " $\frac{1}{10}$ " $\frac{1}{100}$ " " " "	"	" 17.00	3.50
47A	3	$\frac{3}{8}$ "	$\times 26$	6 " $\frac{1}{16}$ " " " $\frac{1}{10}$ " $\frac{1}{100}$ " " " "	"	" 12.00	2.50
				Above, half dozen in a reel.	"	" 17.00	3.50



MEASURING TAPES

COMMON ASSES' SKIN CASE WITH 1/2 INCH COTTON TAPE

Brass bound cases, brass folding handles, and trimmings.

Nos.	710	711	712	713	714	715	716
Length, feet,	25	30	40	50	66	75	100
Per dozen,	\$3.75	4.00	4.50	5.00	6.00	7.50	9.00

WITH 1/2 INCH INDIA TAPE, EXTRA QUALITY

Cases brass bound and sides handsomely enameled. Brass folding handles, brass rings, clips, and trimmings.

Nos.	720	721	722	723	724	725	726
Length, feet,	25	30	40	50	66	75	100
Per dozen,	\$4.75	5.00	5.75	6.25	7.25	8.75	10.75

EXTRA GRADE ASSES' SKIN CASE WITH 1/2 INCH LINEN CORDED TAPE

Cases brass bound and sides handsomely enameled. Brass folding handles, brass rings, clips, and trimmings.

Nos.	730	731	732	733	734	735	736
Length, feet,	25	30	40	50	66	75	100
Per dozen,	\$5.00	5.50	7.00	8.00	9.00	10.00	12.50

COMMON PATENT LEATHER CASE WITH 1/2 INCH COTTON TAPE

Brass folding handles and trimmings.

Nos.	810	811	812	813	814	815	816
Length, feet,	25	30	40	50	66	75	100
Per dozen,	\$4.75	5.00	5.75	6.25	7.25	8.75	10.75

MEDIUM GRADE PATENT LEATHER CASE WITH 1/2 INCH INDIA TAPE, EXTRA QUALITY

Brass folding handles, brass rings, clips, and trimmings.

Nos.	820	821	822	823	824	825	826
Length, feet,	25	30	40	50	66	75	100
Per dozen,	\$5.00	5.50	7.00	8.00	9.00	10.00	12.50

WITH 1/2 INCH LINEN CORDED TAPE

Brass folding handles, brass rings, clips, and trimmings.

Nos.	830	831	832	833	834	835	836
Length, feet,	25	30	40	50	66	75	100
Per dozen,	\$6.50	7.00	8.25	10.00	12.00	13.00	15.00

BEND LEATHER CASE WITH 1/2 INCH LINEN CORDED TAPE

Cases russet leather, nicely finished in natural color. Brass folding handles and trimmings.

Nos.	930	931	932	933	934	935	936
Length, feet,	25	30	40	50	66	75	100
Per dozen,	\$11.00	12.00	13.00	14.00	15.00	16.00	18.00

WITH 5/8 INCH LINEN CORDED TAPE

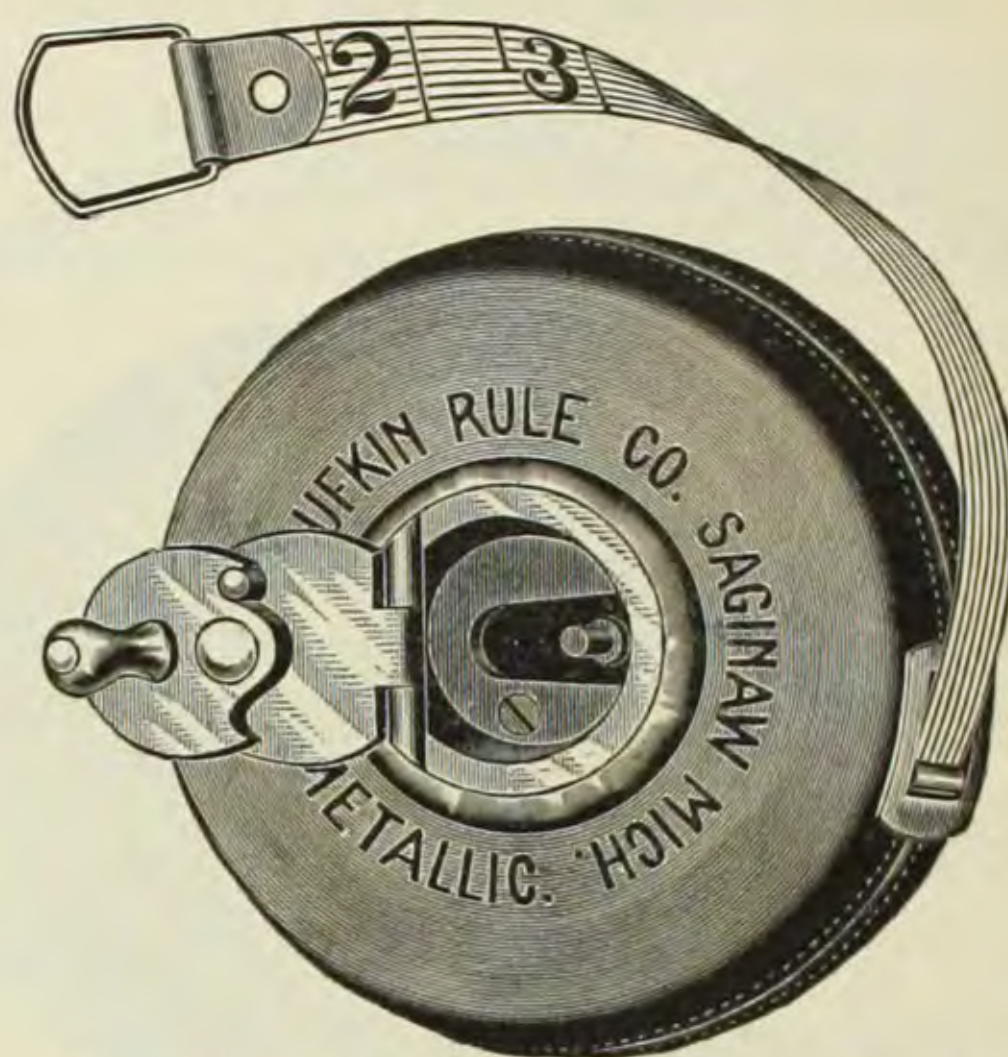
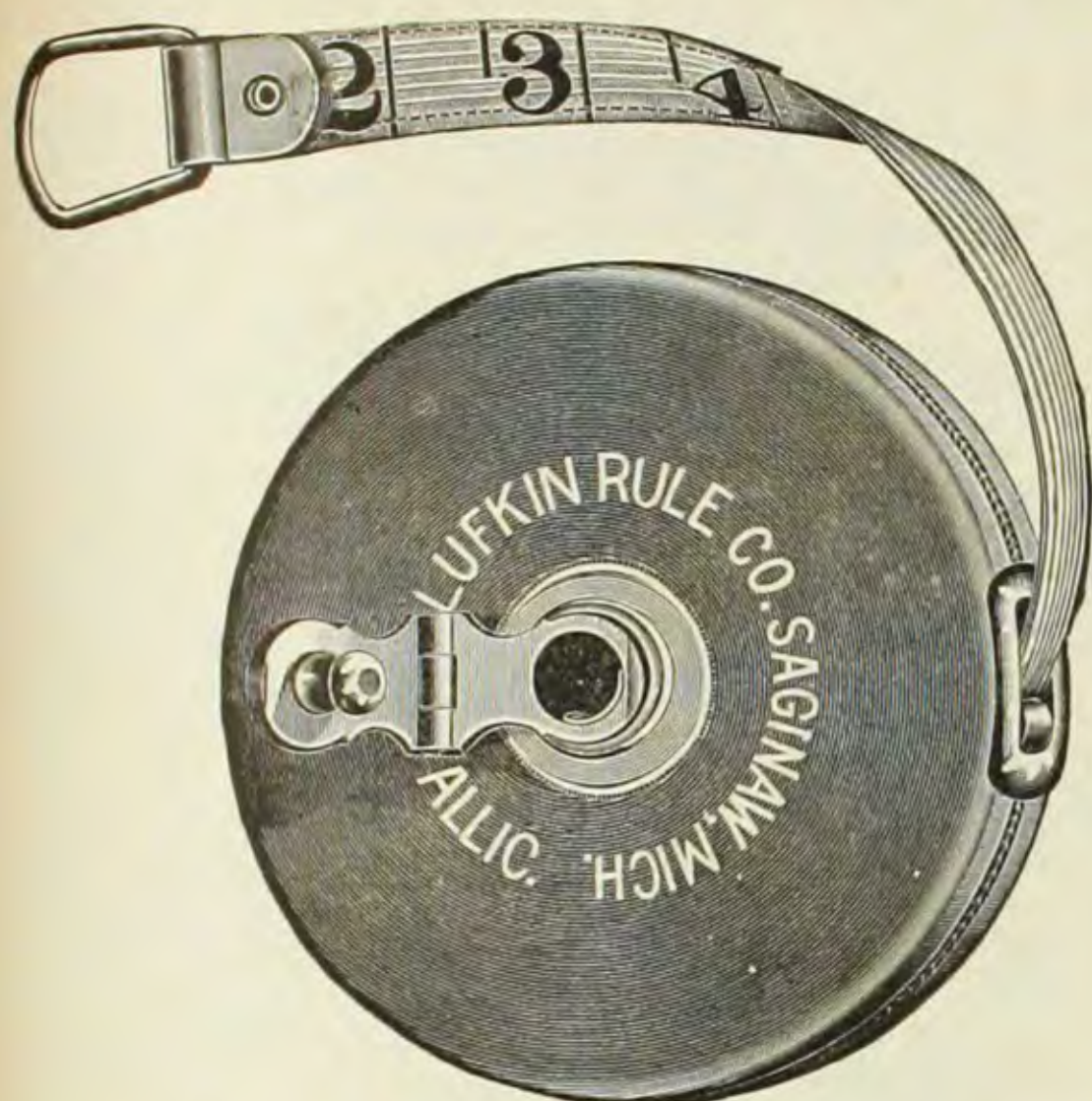
Cases russet leather, nicely finished in natural color. Brass folding handles and trimmings.

Nos.	940	941	942	943	944	945	946
Length, feet,	25	30	40	50	66	75	100
Per dozen,	\$12.00	13.00	15.00	16.00	17.00	18.00	20.00

Above, half dozen in a box.



METALLIC MEASURING TAPES



Tape $\frac{5}{8}$ inch wide, made of best woven linen with metallic warp. Hard leather cases, folding handles with brass trimmings.

Tape $\frac{5}{8}$ inch wide, made of best woven linen with metallic warp. Hard leather cases, with double folding flush handle, opened by pressing pin on opposite side. Nickel-plated trimmings.

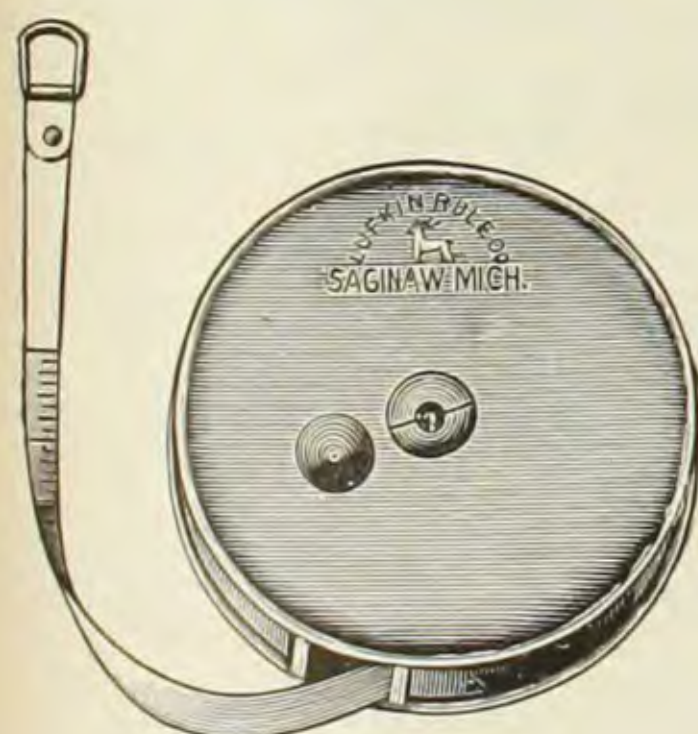
12THS	Per dozen.	10THS	Per dozen.
No. 500,	25 ft., \$20.40	No. 500D,	25 ft., \$20.40
No. 501,	33 ft., 24.00	No. 501D,	33 ft., 24.00
No. 502,	40 ft., 26.40	No. 502D,	40 ft., 26.40
No. 503,	50 ft., 30.00	No. 503D,	50 ft., 30.00
No. 504,	66 ft., 33.60	No. 504D,	66 ft., 33.60
No. 505,	75 ft., 37.20	No. 505D,	75 ft., 37.20
No. 506,	100 ft., 46.80	No. 506D,	100 ft., 46.80

12THS	Per dozen.	10THS	Per dozen.
No. 600,	25 ft., \$24.00	No. 600D,	25 ft., \$24.00
No. 601,	33 ft., 27.60	No. 601D,	33 ft., 27.60
No. 602,	40 ft., 30.00	No. 602D,	40 ft., 30.00
No. 603,	50 ft., 33.60	No. 603D,	50 ft., 33.60
No. 604,	66 ft., 37.20	No. 604D,	66 ft., 37.20
No. 605,	75 ft., 40.80	No. 605D,	75 ft., 40.80
No. 606,	100 ft., 50.40	No. 606D,	100 ft., 50.40

12THS AND LINKS	Per dozen.	10THS AND LINKS	Per dozen.
No. 500L,	25 ft., \$21.60	No. 500DL,	25 ft., \$21.60
No. 501L,	33 ft., 25.20	No. 501DL,	33 ft., 25.20
No. 502L,	40 ft., 27.60	No. 502DL,	40 ft., 27.60
No. 503L,	50 ft., 31.20	No. 503DL,	50 ft., 31.20
No. 504L,	66 ft., 36.00	No. 504DL,	66 ft., 36.00
No. 505L,	75 ft., 39.60	No. 505DL,	75 ft., 39.60
No. 506L,	100 ft., 50.40	No. 506DL,	100 ft., 50.40

12THS AND LINKS	Per dozen.	10THS AND LINKS	Per dozen.
No. 600L,	25 ft., \$25.20	No. 600DL,	25 ft., \$25.20
No. 601L,	33 ft., 28.80	No. 601DL,	33 ft., 28.80
No. 602L,	40 ft., 31.20	No. 602DL,	40 ft., 31.20
No. 603L,	50 ft., 34.80	No. 603DL,	50 ft., 34.80
No. 604L,	66 ft., 39.60	No. 604DL,	66 ft., 39.60
No. 605L,	75 ft., 43.20	No. 605DL,	75 ft., 43.20
No. 606L,	100 ft., 54.00	No. 606DL,	100 ft., 54.00

One in a box.



No. 153

POCKET STEEL TAPES

GERMAN SILVER CASES, SPRING WIND, WITH STOP

Marked one side U. S. Standard graduated in 1-16ths.	Per dozen.	Marked both sides. U. S. Standard and Meters.	Per dozen.
No. 153, 3 feet, $\frac{1}{4}$ inch Tape,	\$14.00	No. 153M, 3 feet, $\frac{1}{4}$ inch Tape,	\$15.00
No. 154, 4 " $\frac{1}{4}$ " " "	16.00	No. 155M, 5 " $\frac{1}{4}$ " " "	20.00
No. 155, 5 " $\frac{1}{4}$ " " "	18.00	No. 156M, 6 " $\frac{1}{4}$ " " "	22.00
No. 156, 6 " $\frac{1}{4}$ " " "	20.00	No. 1510M, 10 " $\frac{5}{16}$ " " "	35.00
No. 157, 7 " $\frac{1}{4}$ " " "	23.00	No. 1512M, 12 " $\frac{5}{16}$ " " "	40.00
No. 158, 8 " $\frac{1}{4}$ " " "	25.00		
No. 1510, 10 " $\frac{5}{16}$ " " "	32.00		
No. 1512, 12 " $\frac{5}{16}$ " " "	36.00		

Half dozen in a box.

TAPES ONLY, WITHOUT CASES

Marked one side, 25 ft., \$9.60	Per dozen.	Marked both sides, 25 ft., \$10.80	Per dozen.	Marked one side, 66 ft., \$19.20	Per dozen.	Marked both sides, 66 ft., \$21.60	Per dozen.
" " " 33 ft., 12.00		" " " 33 ft., 13.20		" " " 75 ft., 21.60		" " " 75 ft., 24.00	
" " " 40 ft., 14.40		" " " 40 ft., 15.60		" " " 100 ft., 31.20		" " " 100 ft., 34.80	
" " " 50 ft., 16.80		" " " 50 ft., 18.00					

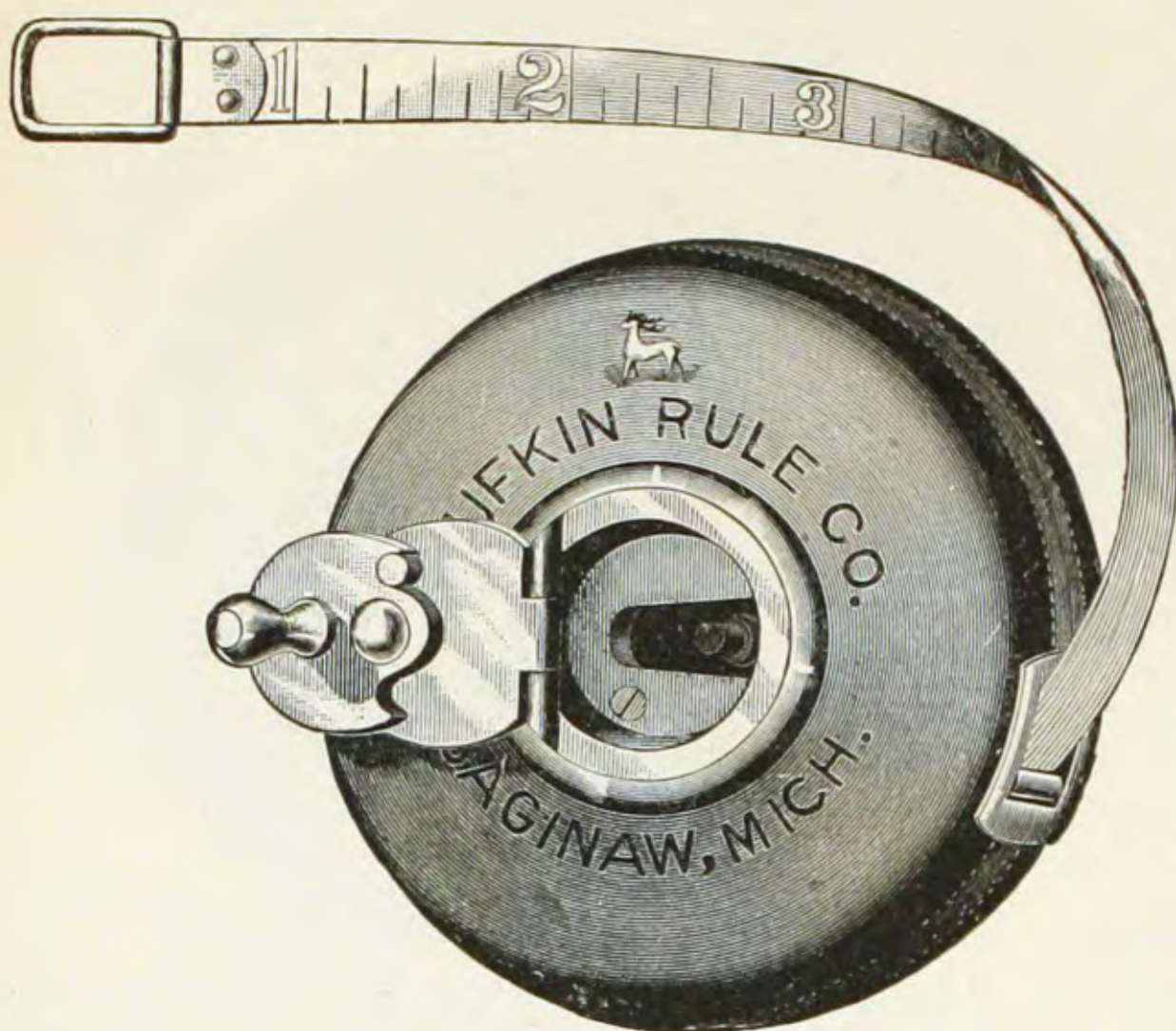
Tapes marked on back in feet instead of links when wanted, at same price.

Half dozen in a box.



RELIABLE STEEL TAPES

PATENTED APRIL 11, 1893.



With Double Folding Flush Handle, opened by pressing small pin or button on opposite side. Hard Leather Cases. Nickel-plated Trimmings. Measurements guaranteed perfectly accurate.

WITH $\frac{3}{8}$ INCH TAPES

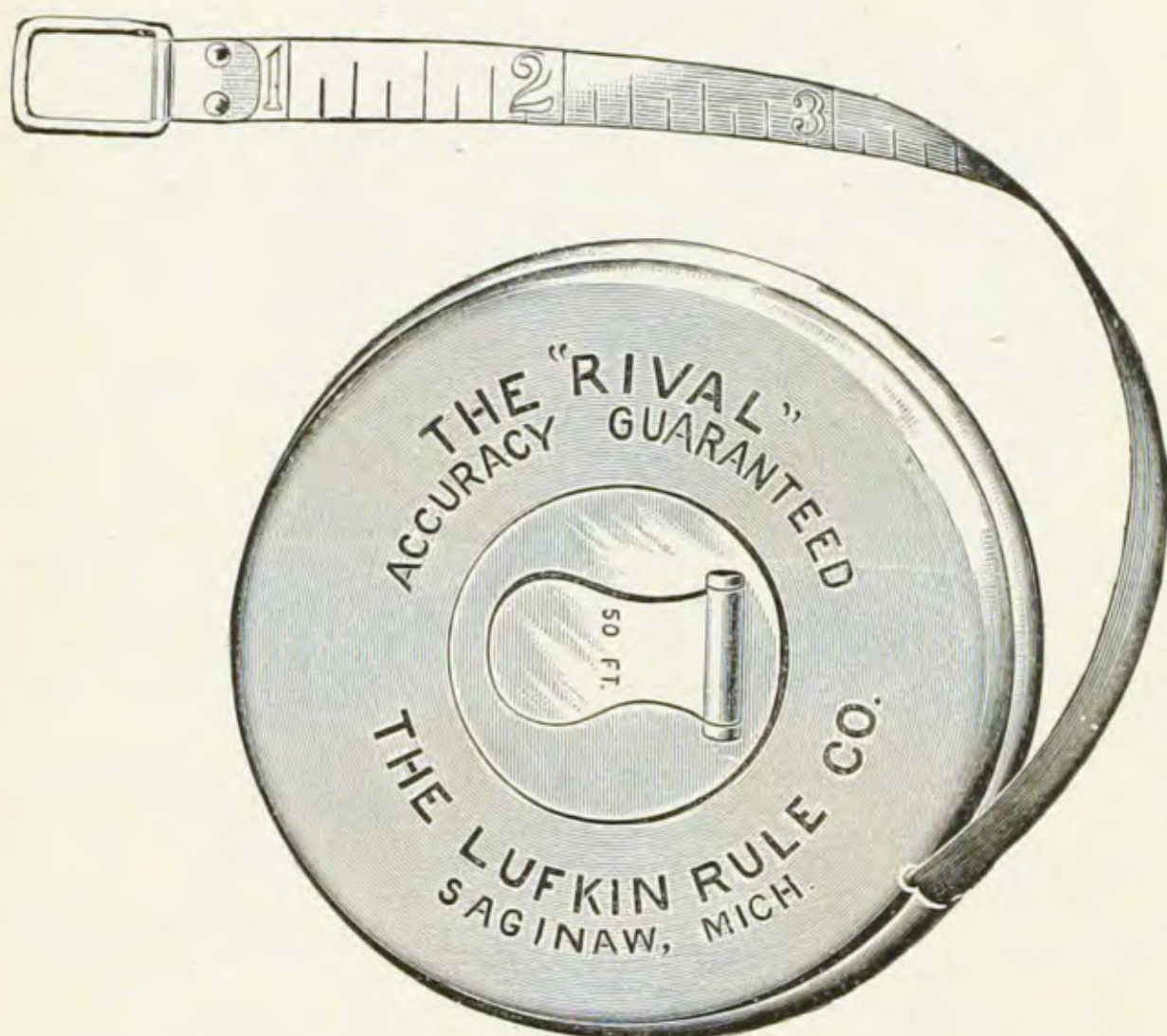
Marked feet and 12ths (inches and eighths).	Marked feet, 10ths and 100ths of feet, for Surveyor's use.	Length, feet.	Diameter of Case, inches.	Each.	Extra for Nickel-plated Tapes, each.
No. 200	No. 200D	25	2 $\frac{3}{4}$	\$4.50	\$1.00
No. 201	No. 201D	33	2 $\frac{3}{4}$	5.20	1.00
No. 202	No. 202D	40	3 $\frac{1}{4}$	6.00	1.50
No. 203	No. 203D	50	3 $\frac{1}{4}$	7.20	1.50
No. 204	No. 204D	66	3 $\frac{3}{4}$	9.20	1.75
No. 205	No. 205D	75	4 $\frac{1}{4}$	10.40	1.75
No. 206	No. 206D	100	4 $\frac{1}{2}$	12.80	2.00

The above Tapes are marked on the back with Links and Poles. When links are not wanted, they will be supplied marked at every foot instead, at same price.

Tapes marked feet on one side, meters on the other, add 2 $\frac{1}{2}$ cents per foot to list price.

Tapes marked feet and 12ths on one side, feet and 10ths on other, add 2 $\frac{1}{2}$ cents per foot to list price.

One in a box.



RIVAL STEEL TAPES

Nickel-plated Steel Cases, Flush Handle, $\frac{3}{8}$ inch Tapes, marked one side only, in tenths and twelfths.

Nos.	240	243
Length, feet,	25	50
Diameter of Case, inches,	2 $\frac{3}{4}$	3 $\frac{1}{4}$
Per dozen,	\$39.00	48.00
Nos.	245	246
Length, feet,	75	100
Diameter of Case, inches,	3 $\frac{3}{4}$	4 $\frac{1}{4}$
Per dozen,	\$63.00	81.00

Half dozen in a box.

CHESTERMAN'S TAPES

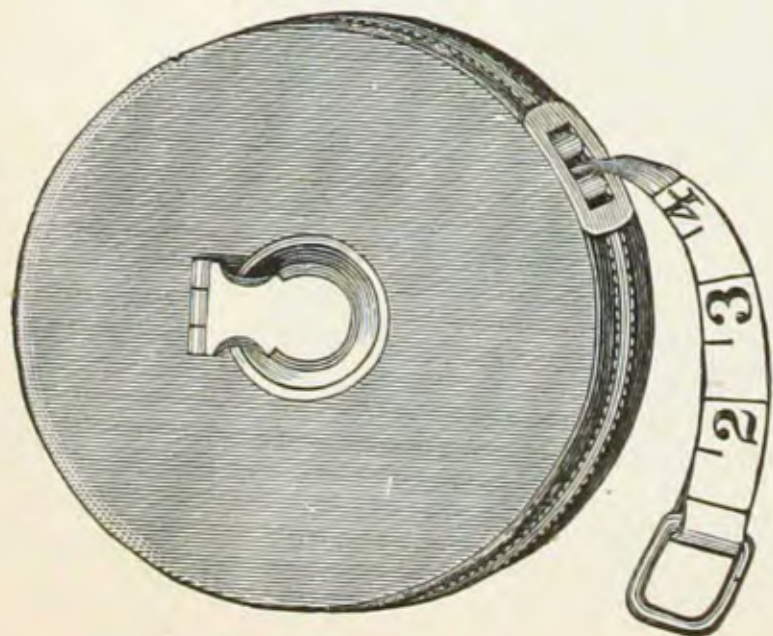
NO. 34L. METALLIC TAPES IN 10THS OR 12THS, LEATHER CASE

Length, feet,	25	33	40	50	66	75	100
Each,	\$1.80	2.10	2.30	2.60	3.00	3.30	4.20

NO. 38L. STEEL TAPES IN 10THS OR 12THS, LEATHER CASE
FLUSH HANDLE

Length, feet,	25	33	40	50	66	75	100
Each,	\$4.50	5.20	6.00	7.20	9.20	10.40	12.80

Quarter dozen in a box.



BEMIS & CALL CO.'S GOODS

FINE POLISHED CAST STEEL DIVIDERS

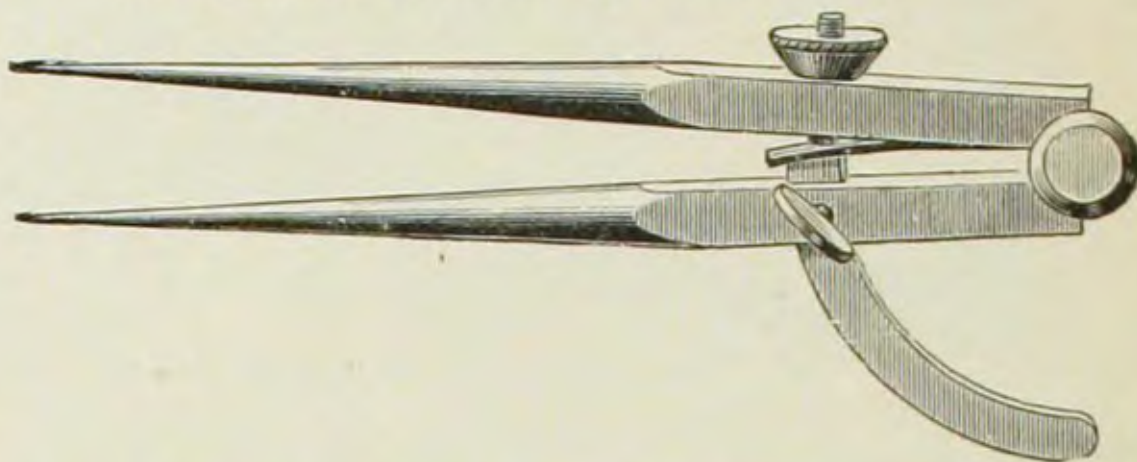


Size, inches,	5	6	7	8	9
Per dozen,	\$7.00	7.50	9.00	10.25	12.50
Size, inches,	10	12	15	18	21
Per dozen,	\$13.75	16.50	27.50	41.25	50.00

Half dozen in a box.

R. & E. MFG. CO.'S CAST STEEL DIVIDERS

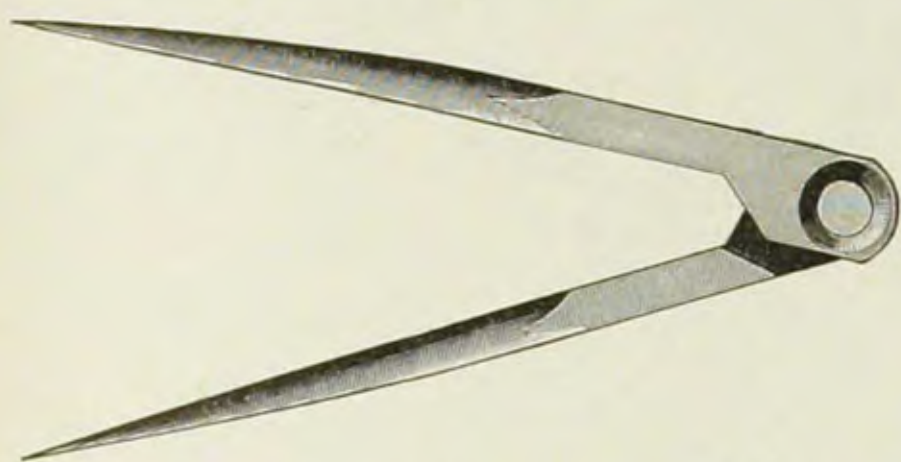
THESE ARE MADE OF THE BEST MATERIAL



Size, inches,	5	6	7	8	9
Per dozen,	\$5.50	5.50	6.50	7.50	9.00
Size, inches,	10	12	15	18	24
Per dozen,	\$10.00	12.00	18.00	25.00	36.00

Half dozen in a box.

FINE POLISHED CAST STEEL COMPASSES



Size, inches,	3	3½	4	4½	5	6
Per dozen,	\$4.25	4.35	4.50	4.60	4.80	5.50
Size, inches,	7	8	9	10	12	
Per dozen,	\$6.25	7.50	9.00	10.30	11.00	

One dozen in a box.

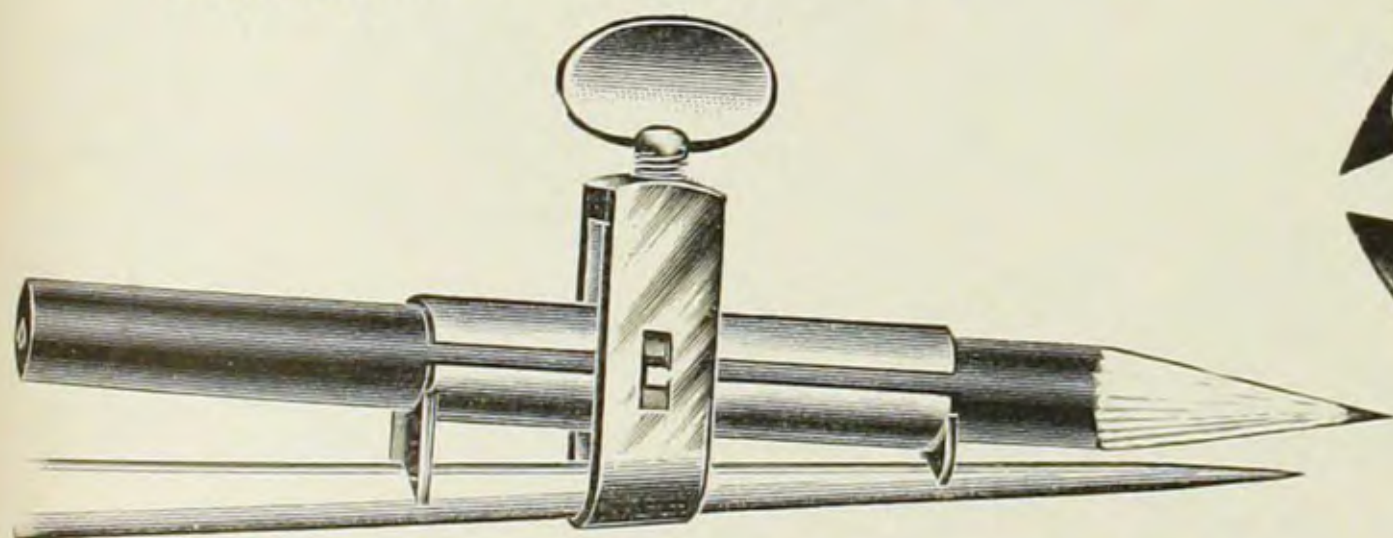
R. & E. MFG. CO.'S CAST STEEL COMPASSES



Size, inches,	3	4	5	6	7
Per dozen,	\$3.12	3.25	3.50	4.00	4.75
Size, inches,	8	9	10	12	
Per dozen,	\$5.50	10.75	12.00	13.00	

One dozen in a box.

EXCELSIOR PENCIL HOLDER



CAN BE ATTACHED TO ANY DIVIDER OR COMPASS

Per dozen,

One dozen in a box.

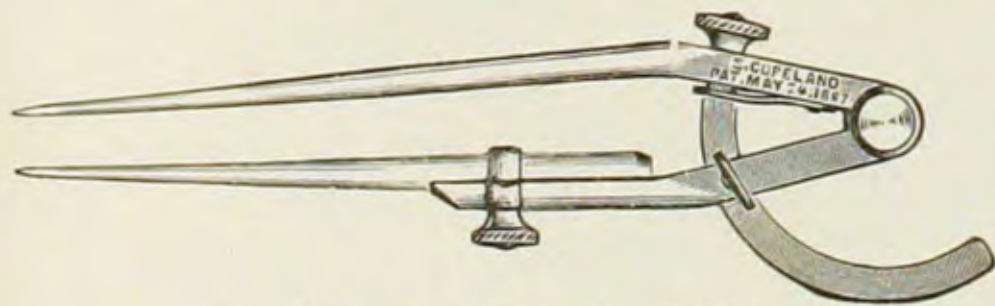
\$3.50

Size, inches,
Per dozen,

6	8	10	12
\$7.00	9.00	11.00	13.00

Half dozen in a box.

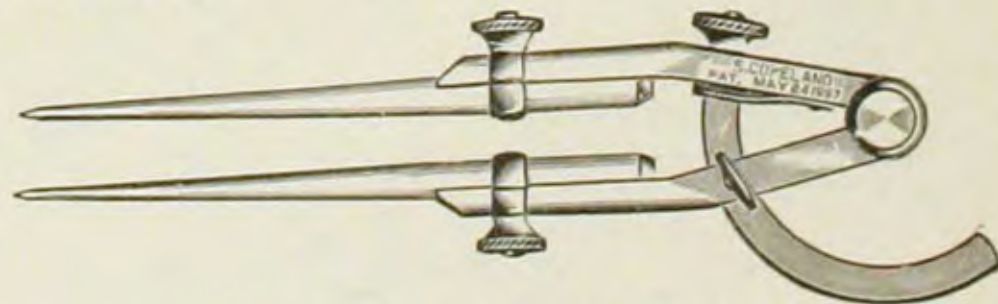
COPELAND'S PATENT EXTENSION DIVIDERS



No. 1. Single Leg

Size, inches,	5	6	7	8	10
Polished, per doz.,	\$	9.00	10.00	11.00	12.00
Nickel-plated, "	10.00	12.00	13.00	14.00	15.00

Half dozen in a box.



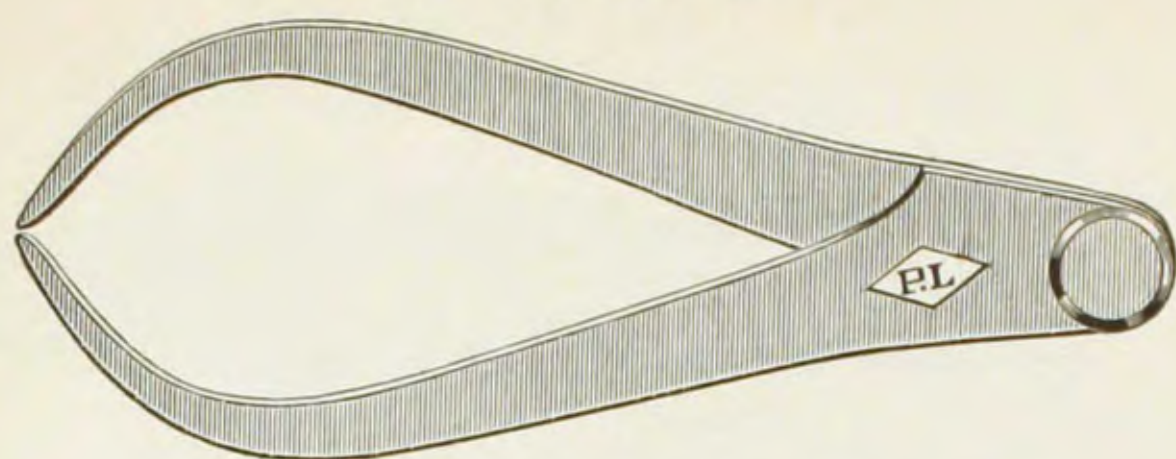
No. 2. Double Leg

Size, inches,	6	7	8	10	15
Polished, per doz.,	\$10.00	11.00	12.00	13.00	21.00
Nickel-plated, "	13.00	14.00	15.00	16.00	25.00

Half dozen in a box.

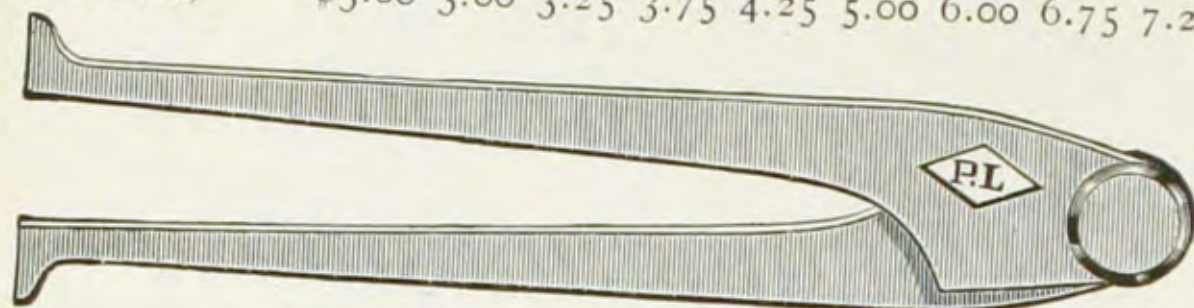


CALIPERS



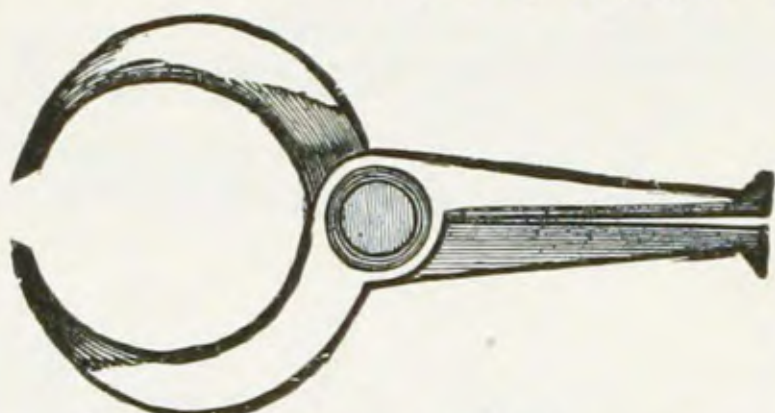
No. 68. Outside Calipers

Size, inches,	2½	3	4	5	6	7	8	9	10
Per dozen,	\$3.00	3.00	3.25	3.75	4.25	5.00	6.00	6.75	7.25



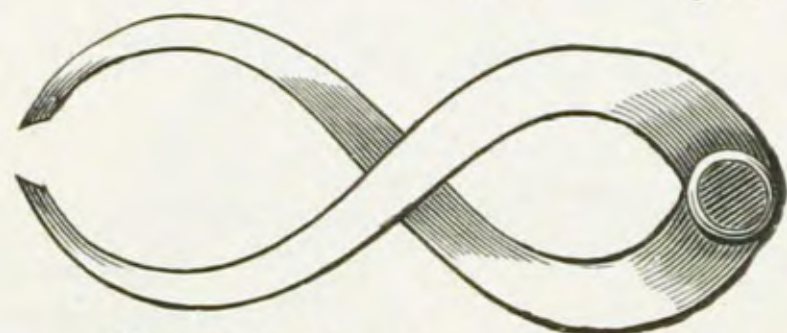
No. 69. Inside Calipers

Size, inches,	2½	3	4	5	6	7	8	9	10
Per dozen,	\$3.00	3.00	3.25	3.75	4.25	5.00	6.00	6.75	7.25



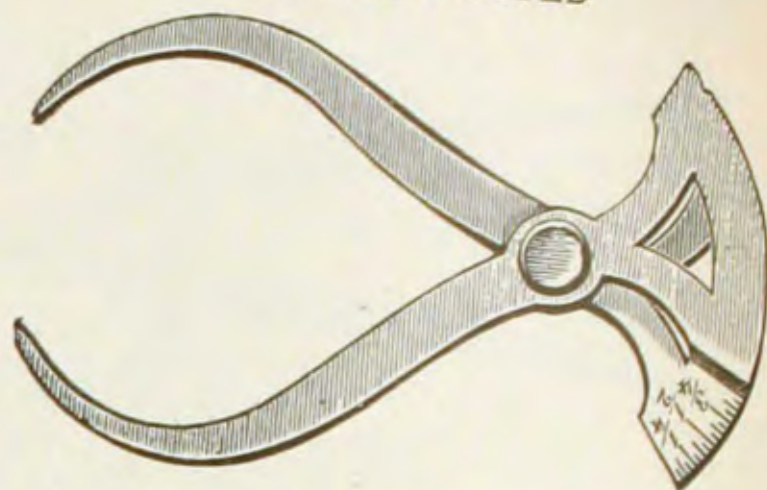
No. 70. Double Calipers

Size, inches,	3	4	5	6
Per dozen,	\$3.50	4.25	5.00	6.00

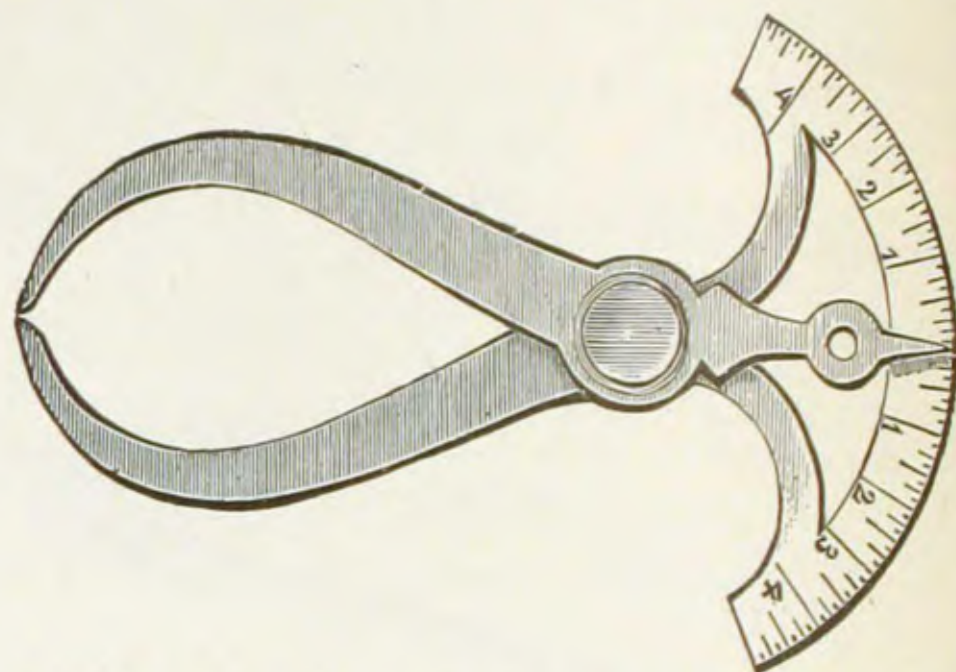


No. 71. Navy Calipers

3½ inches, per dozen, \$3.50
All above, half dozen in a box.

SELF-REGISTERING CALIPERS
NICKEL-PLATED

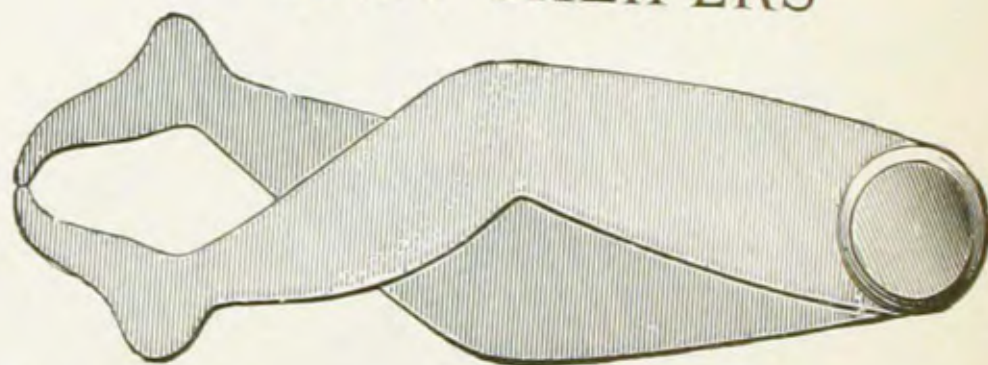
No. 62 3 inches, for measuring Inside or Outside, Per dozen, \$7.50



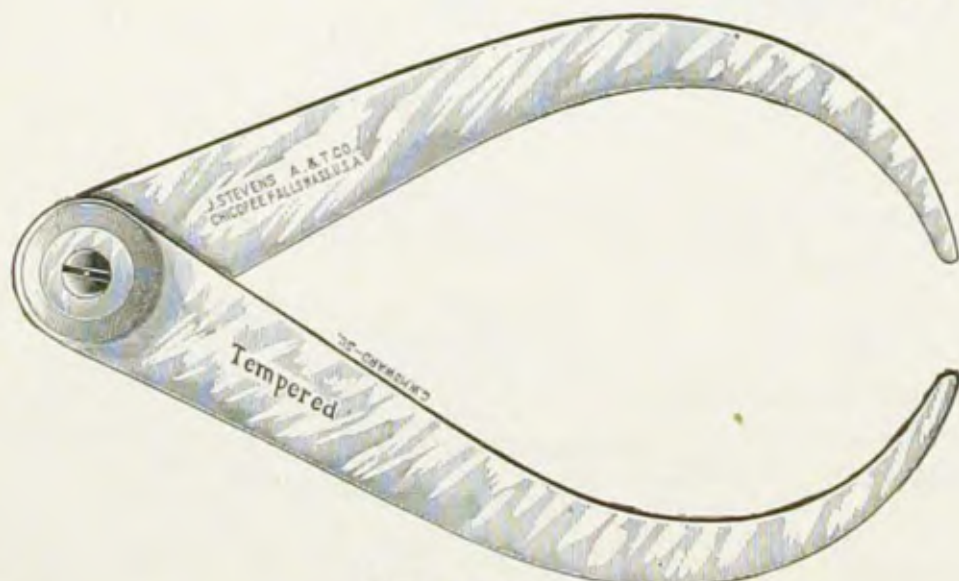
No.	66	67	64	65
Size, inches,	3	4	5	6
for measuring	Inside or Outside,	"	"	"
Per dozen,	\$7.00	9.00	11.00	13.00

All above, half dozen in a box.

FANCY CALIPERS



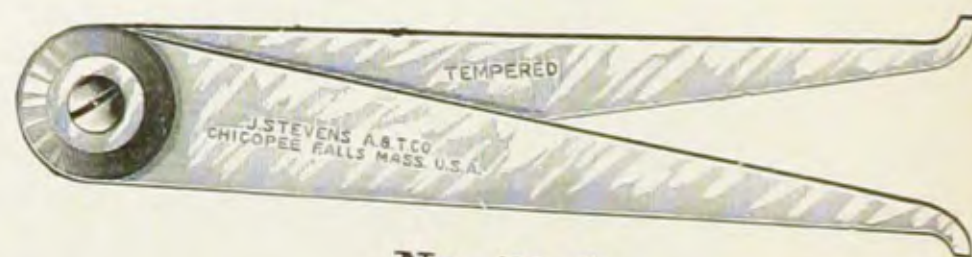
No. 72 2½ inches, Half dozen in a box. per dozen, \$3.50

STEVENS' FIRM JOINT CALIPERS
OUTSIDE AND INSIDE

No. 56 A

Size, inches,	3	4	5	6	8	10	12	14	16	18	20	24
No. 56 A, each,	\$0.40	.50	.55	.65	.80	.90	1.00	1.50	1.75	2.10	2.50	3.00
No. 56 C, "	.40	.50	.55	.65	.80	.90	1.00	1.50	1.75	2.10	2.50	3.00
No. 56 E, "	.40	.50	.55	.65	.80	.90	1.00	1.50	1.75	2.10	2.50	3.00

Six in a box.



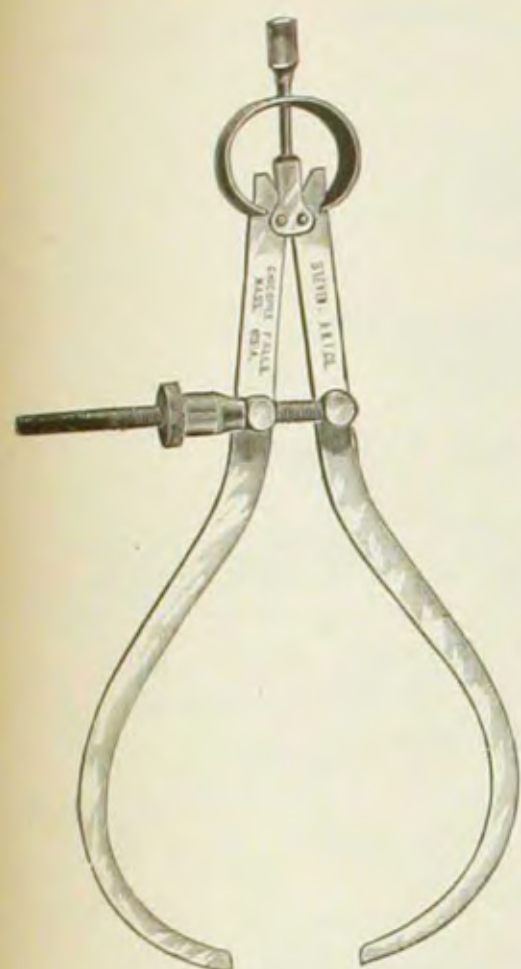
No. 56 C



No. 56 E

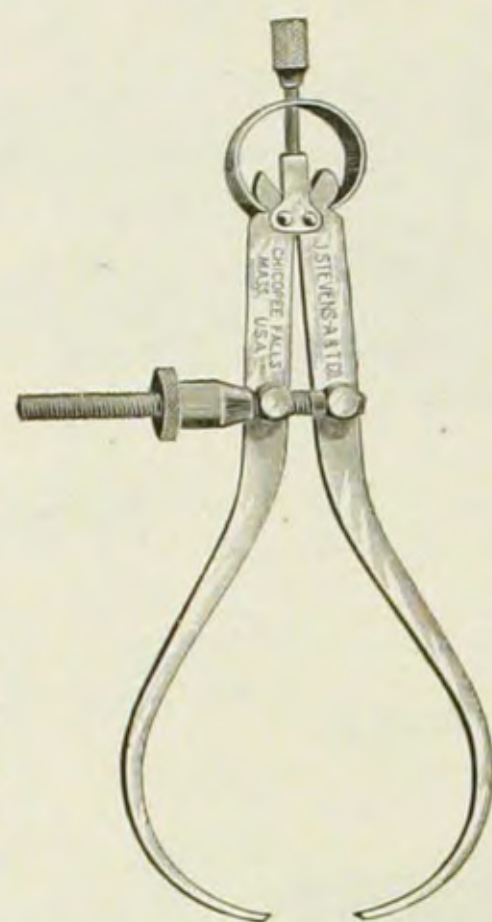


STEVENS' LEADER CALIPERS AND DIVIDERS



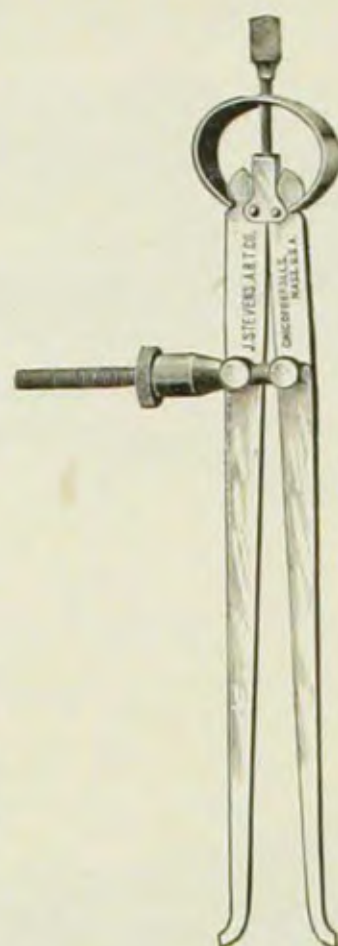
No. 70
Outside Caliper
with Solid Nut

Size, inches.	Each.
2 1/2	\$0.65
3	.70
4	.75
5	.80
6	.85
8	1.00



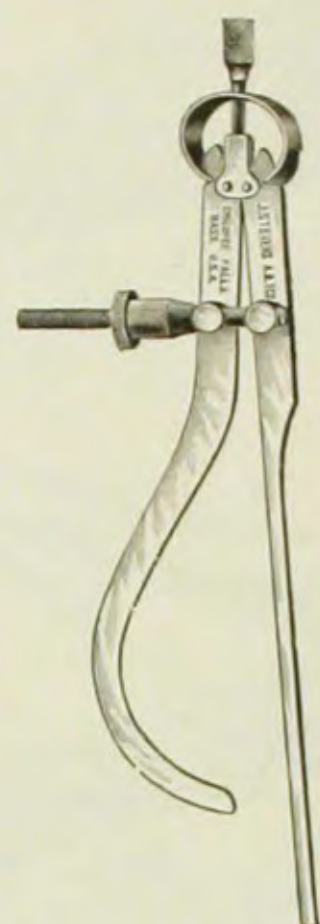
No. 71
Thread Caliper
with Solid Nut

Size, inches.	Each.
3	\$0.75
4	.90
5	1.00



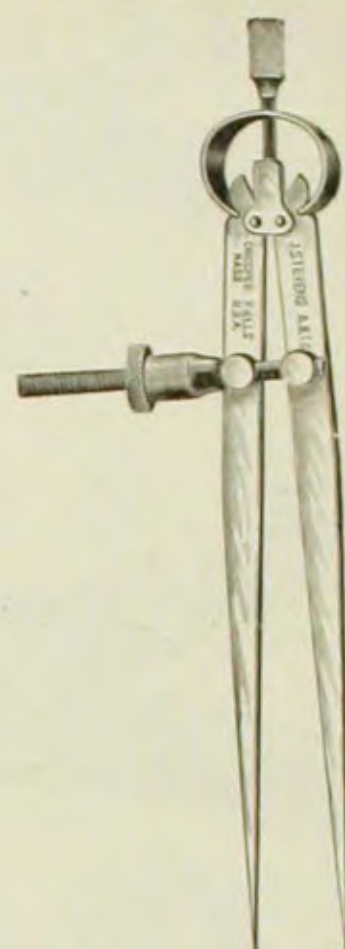
No. 72
Inside Caliper
with Solid Nut

Size, inches.	Each.
3	\$0.70
4	.75
5	.80
6	.85
8	1.00



No. 73
Keyhole Caliper
with Solid Nut

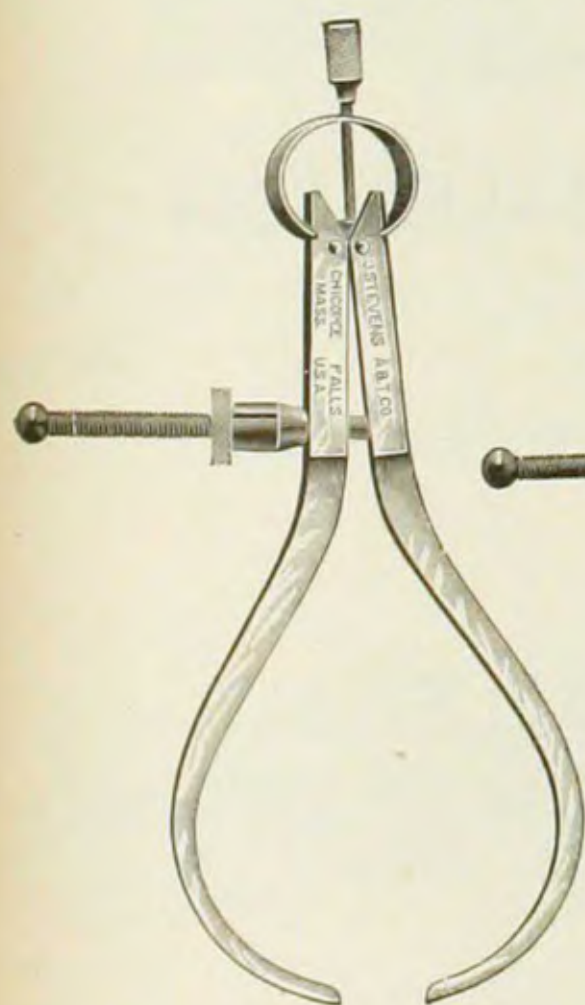
Size, inches.	Each.
3	\$0.70
4	.75



No. 75
Divider
with Solid Nut

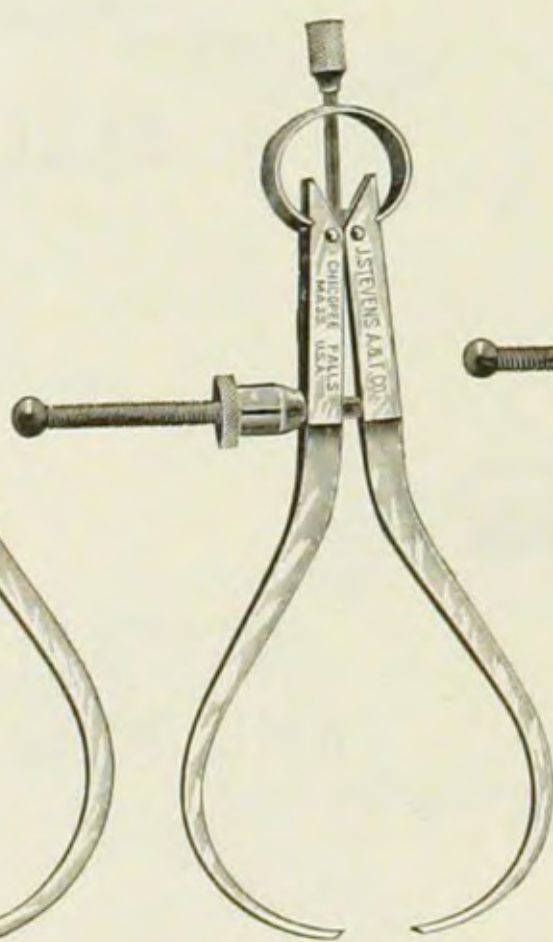
Size, inches.	Each.
2 1/2	\$0.65
3	.70
4	.75
5	.80
6	.85
8	1.10

STEVENS' IDEAL CALIPERS AND DIVIDERS



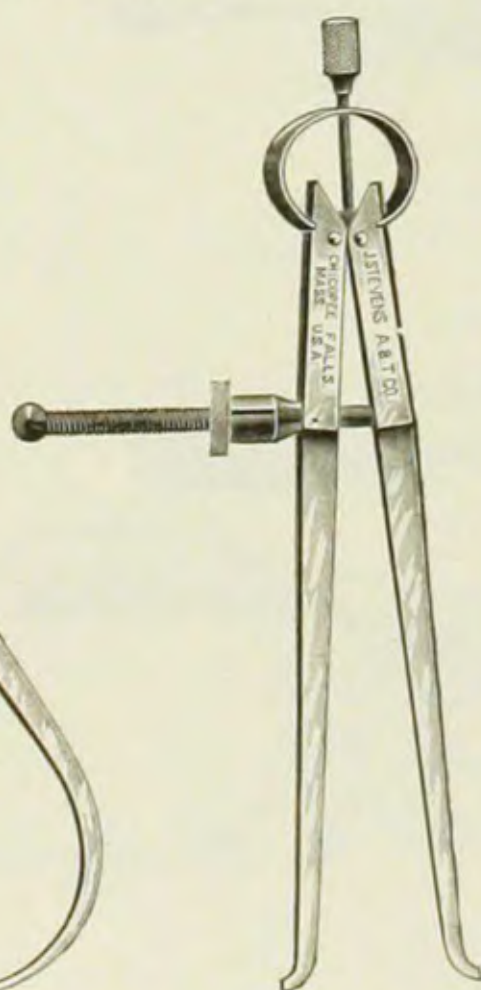
No. 63
Outside Caliper
with Split Nut

Size, inches.	Each.
2 1/2	\$1.15
3	1.15
4	1.25
5	1.25
6	1.50



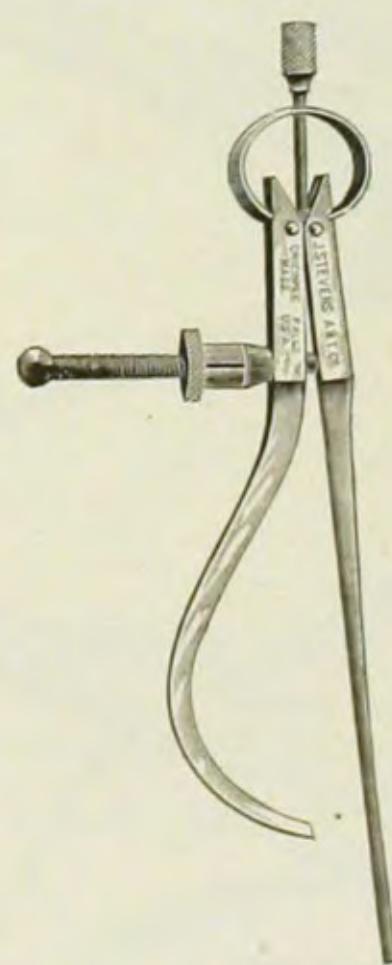
No. 64
Thread Caliper
with Split Nut

Size, inches.	Each.
3	\$1.15
4	1.25
5	1.25



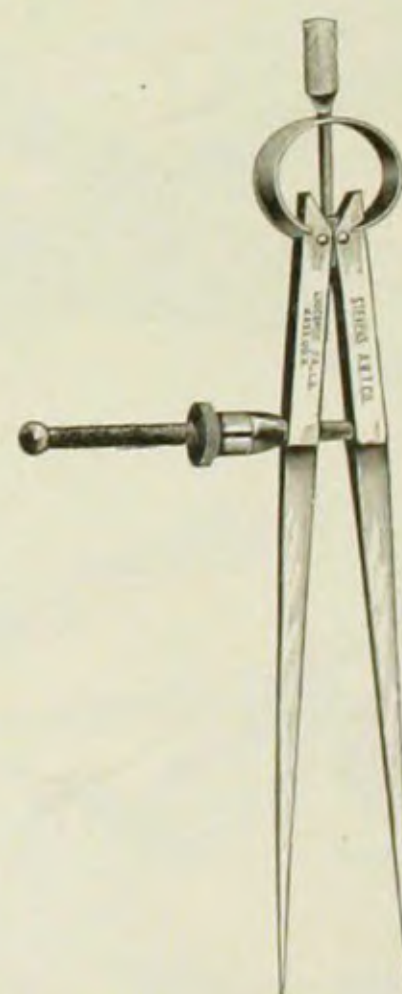
No. 65
Inside Caliper
with Split Nut

Size, inches.	Each.
3	\$1.15
4	1.25
5	1.25
6	1.50



No. 68
Keyhole Caliper
with Split Nut

Size, inches.	Each.
3	\$1.15
4	1.25

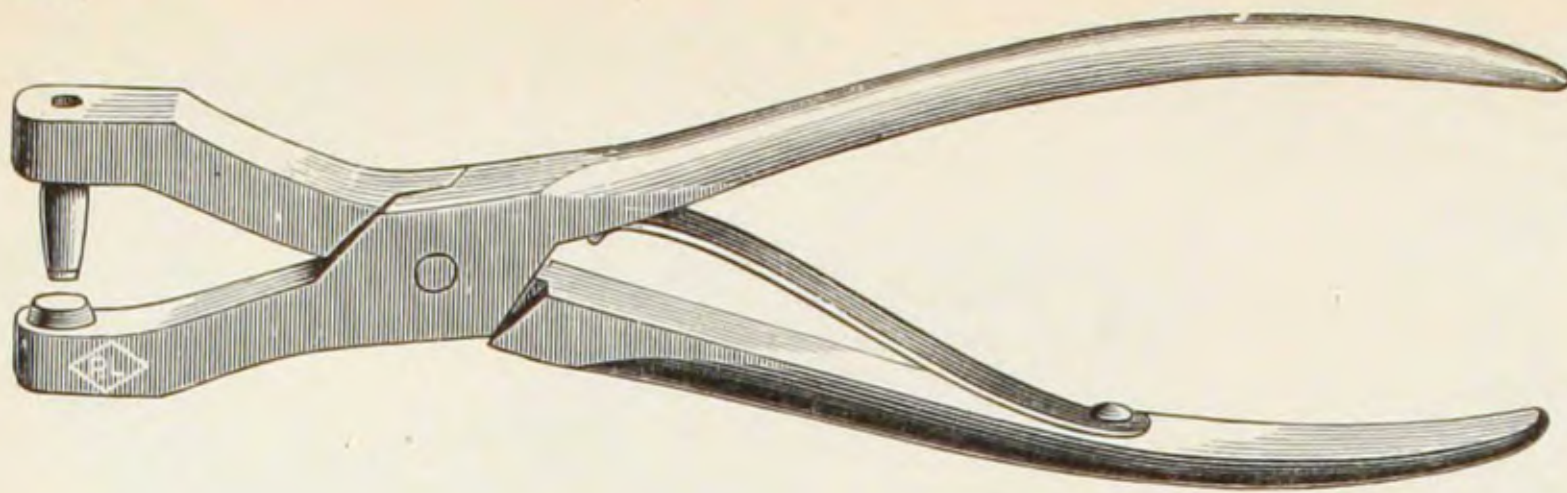


No. 67
Divider
with Split Nut

Size, inches.	Each.
2 1/2	\$1.15
3	1.15
4	1.40
5	1.40
6	1.75

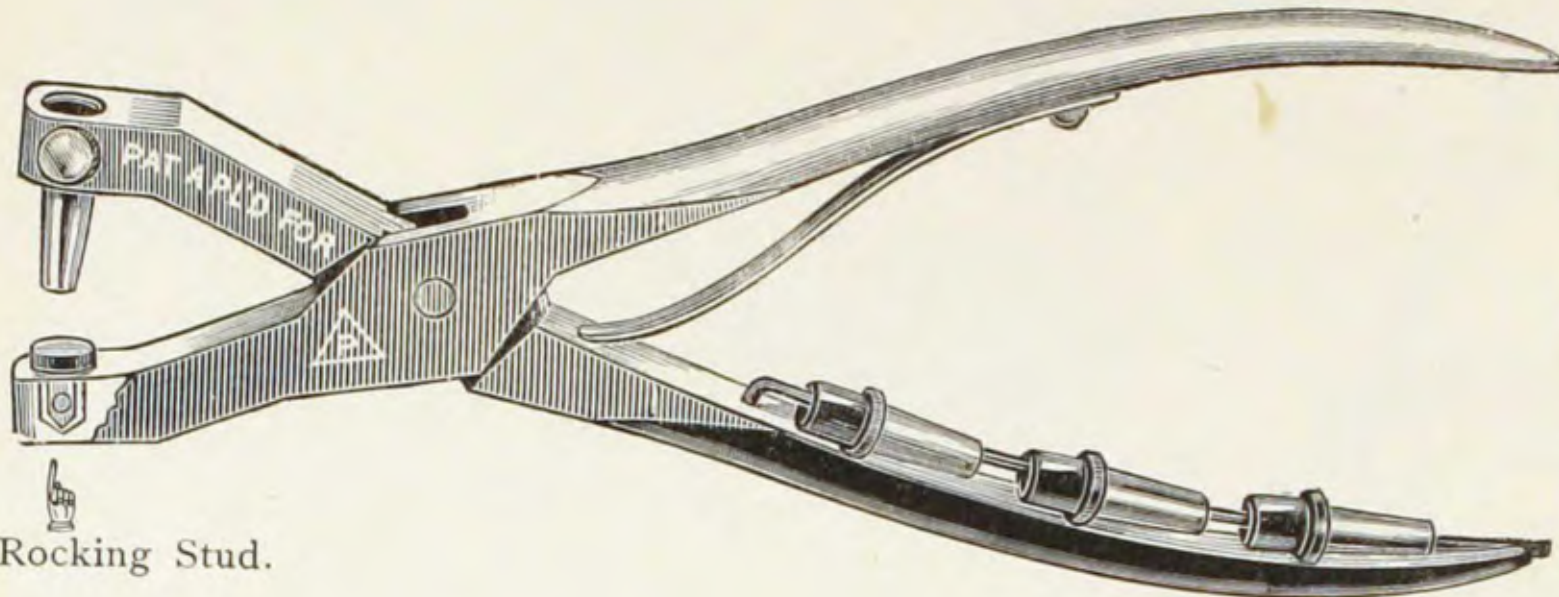
Above, three in a box.





SPRING PUNCHES

Regular, Assorted Tubes,	Per dozen,	\$6.00
With One Extra	"	
" Two "	"	7.50
" Three "	"	9.00
Extra Tubes,	"	10.50
One dozen in a box.		1.50

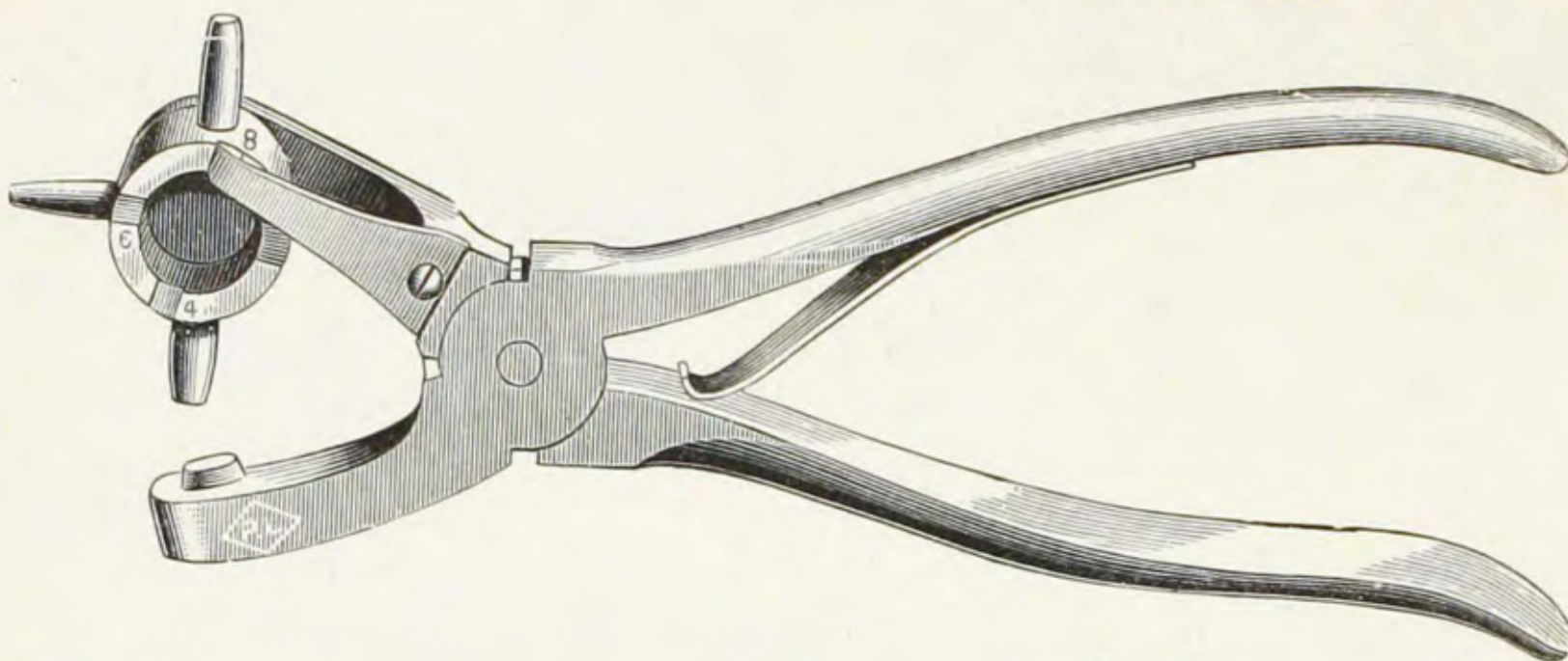


Rocking Stud.

PRYOR'S SPRING PUNCHES

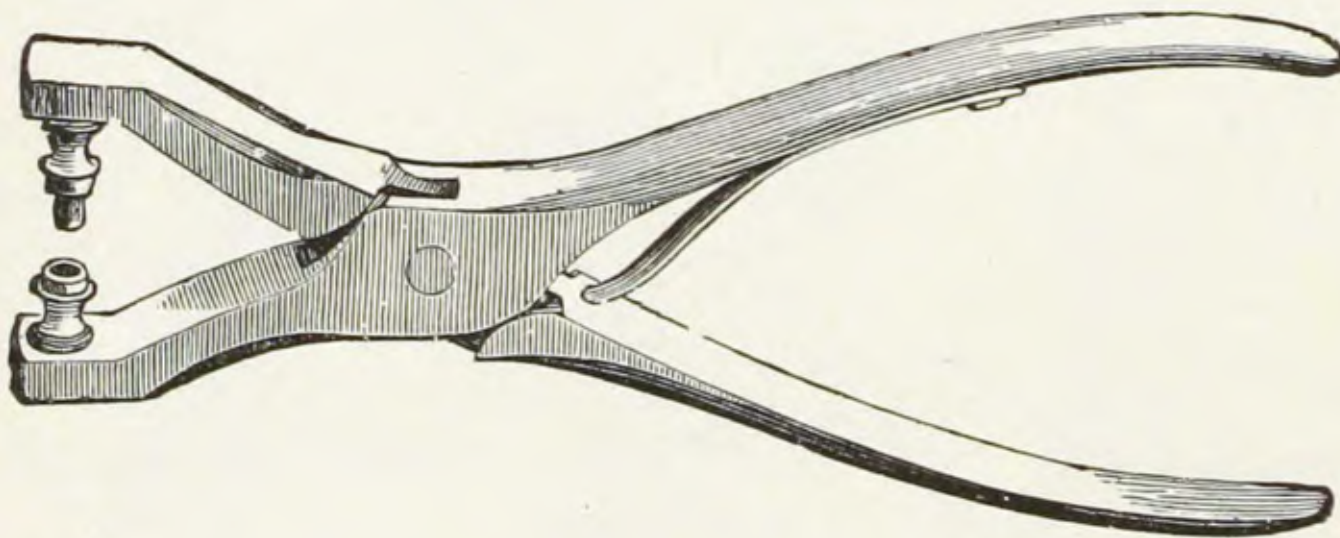
With the rocking brass stud, the closest contact can be obtained, and a most perfect cut insured.

No. 1	Per dozen,	\$7.00
Extra Tubes,		1.50
Half dozen in a box.		



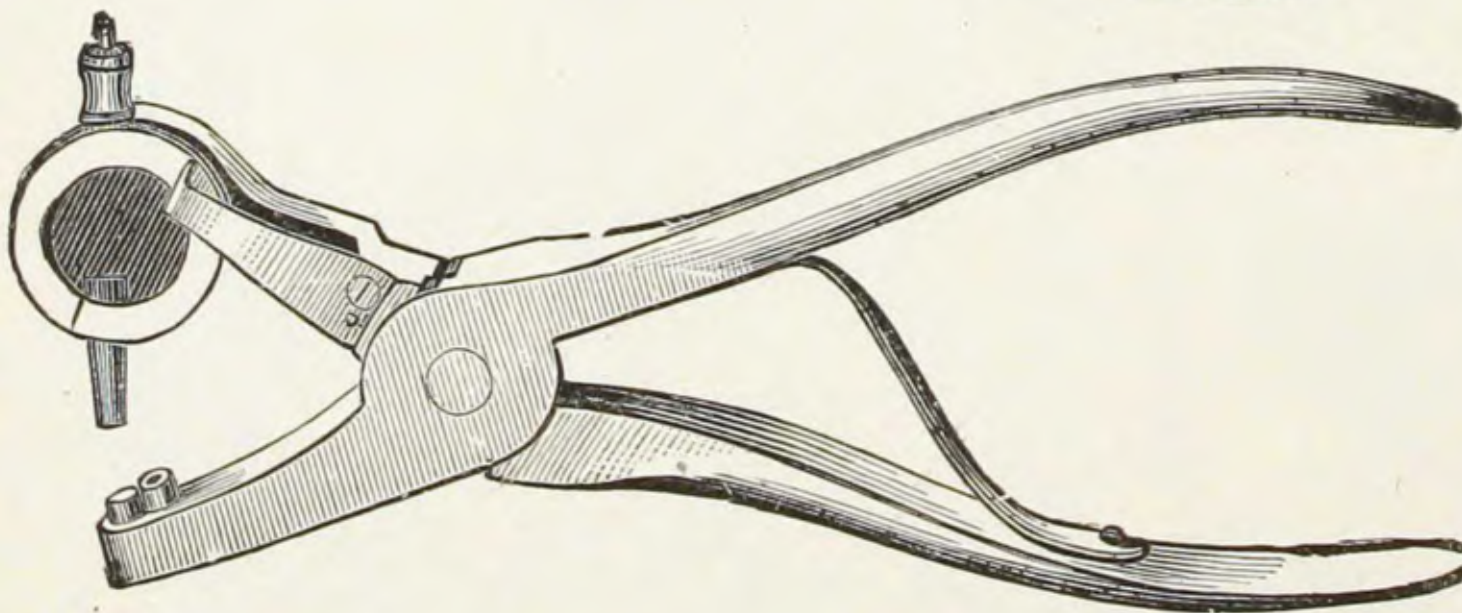
REVOLVING SPRING PUNCHES

Four Tubes,	Per dozen,	\$16.00
Six	"	19.50
Half dozen in a box.		



EYELET SETS

Per dozen,	\$8.50
One dozen in a box.	



EYELET SET AND PUNCH COMBINED

Per dozen,	\$18.00
Half dozen in a box.	

BEMIS & CALL CO.'S SPRING PUNCHES

Nos.	1	2	3
Length, inches,	4 ³ / ₄	6 ³ / ₄	8 ⁷ / ₈
Per dozen,	\$7.50	8.50	14.75

Nos. 1 and 2, one dozen in a box ; No. 3, half dozen.

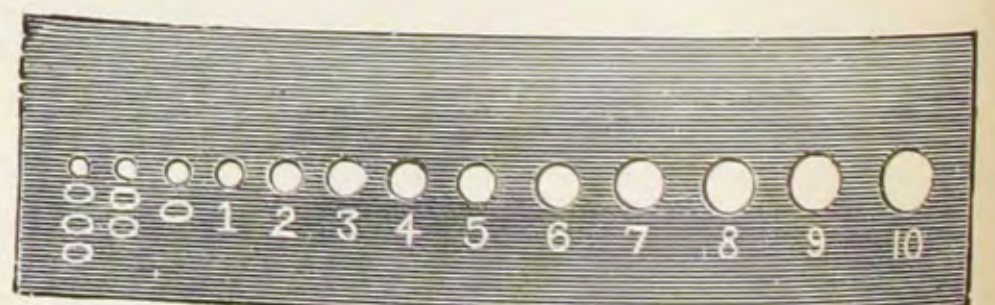
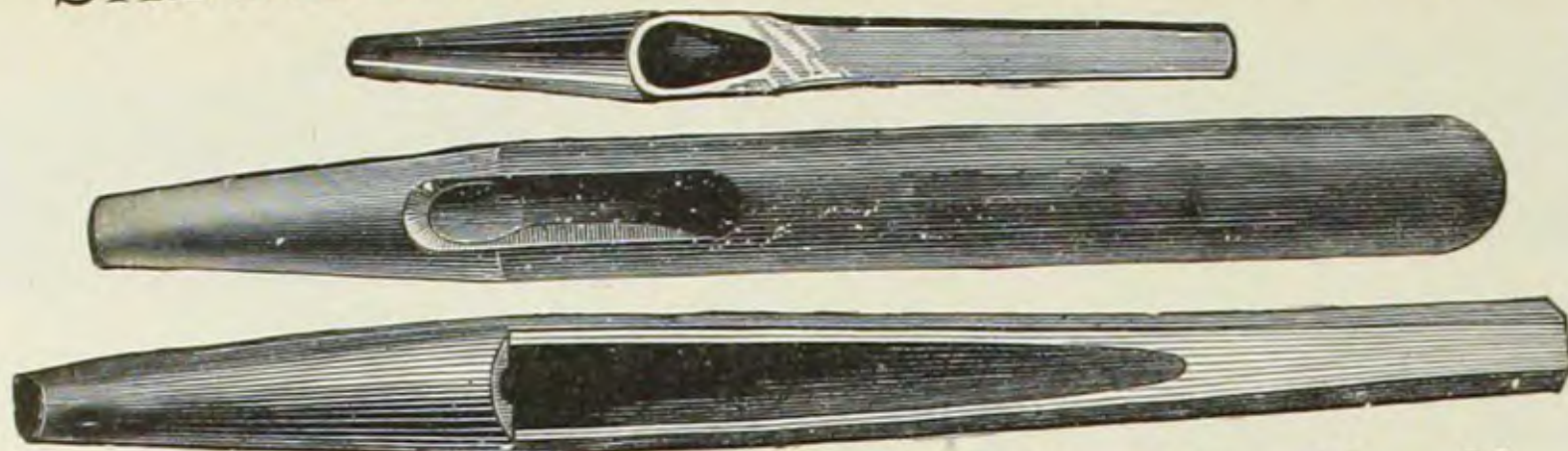


Plate showing sizes of Tubes for all Spring and Revolving Punches.



SADDLERS' OR DRIVE PUNCHES



Bemis & Call's

No. 10 Round

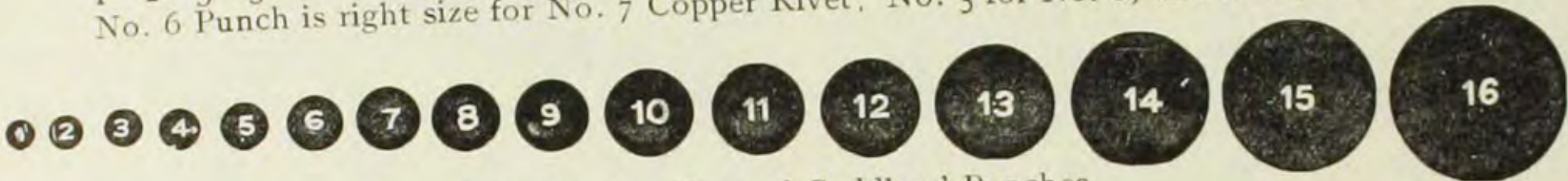
No. 20 Square

Size, Nos.	1 to 5	6	7	8	9	10	11	12	13	14	15	16
No. 10 Round, per dozen,	\$2.00	2.00	2.25	2.25	2.25	2.75	2.75	2.75	6.50	6.50	6.50	6.50
No. 20 Square, " "	2.00	2.00	2.25	2.25	2.25	2.75	2.75	2.75	6.50	9.00	11.00	11.00
Bemis & Call's, " "	5.25	5.75	5.75	5.75	5.75	5.75	7.50	7.50	9.00			

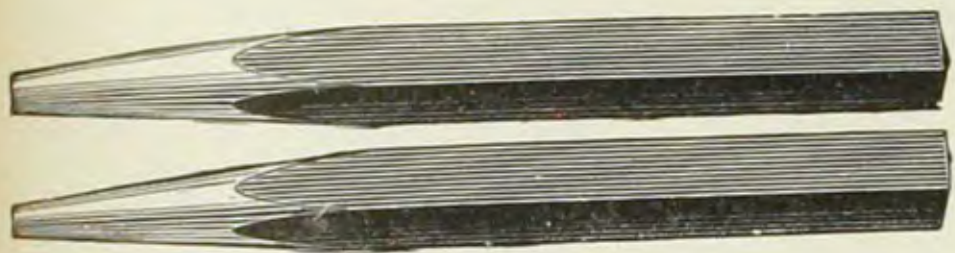
One dozen in a box.

ASSORTED, AS FOLLOWS:

No. 1 { Nos. 2 3 4 5 6 7 } per dozen, \$2.35 No. 2 { Nos. 6 7 8 9 10 } per dozen, \$2.65
1 2 3 3 2 1 3 3 3 2 1
No. 6 Punch is right size for No. 7 Copper Rivet; No. 5 for No. 8, and No. 4 for No. 9.



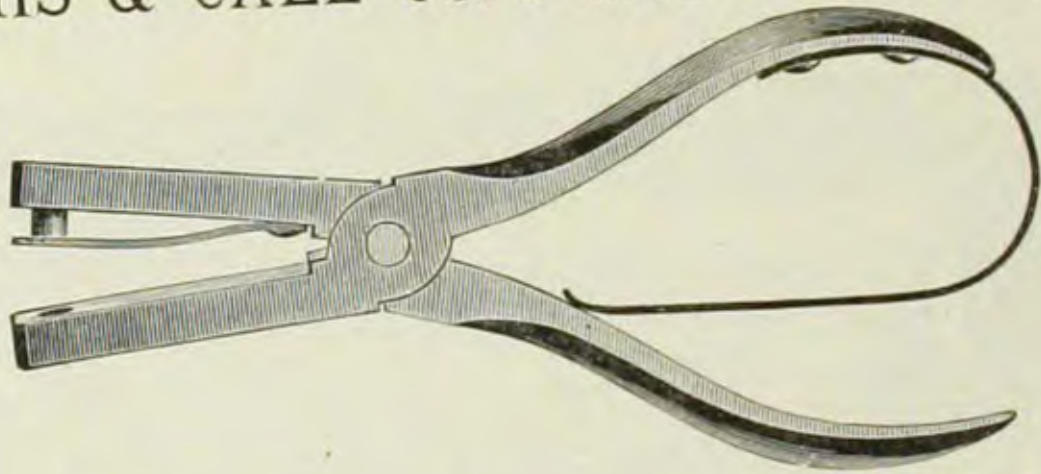
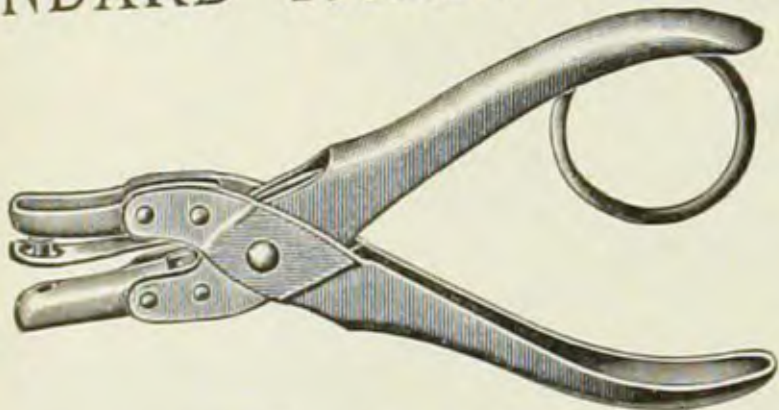
Cuts showing Sizes of Saddlers' Punches.



SOLID PUNCHES

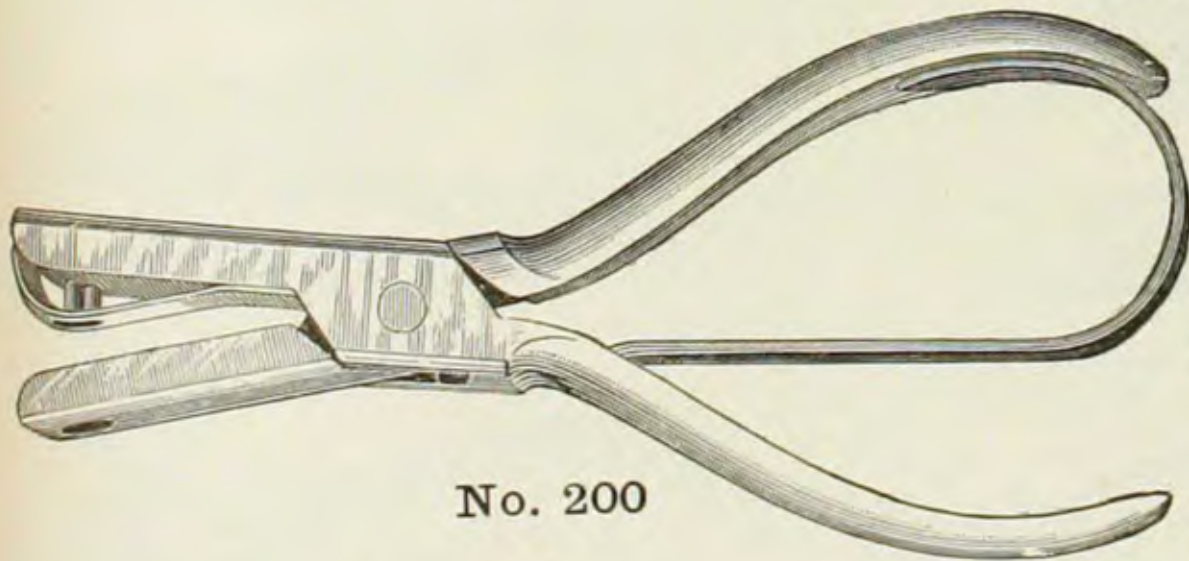
Square Cast Steel, Nos. 0, 1, 2, 3, 4, 5, 6, 7, and prick, per dozen, \$1.44
For size of Nos., see Cuts page 826. One dozen in a box.

STANDARD TICKET PUNCHES BEMIS & CALL CO.'S CHECK PUNCHES

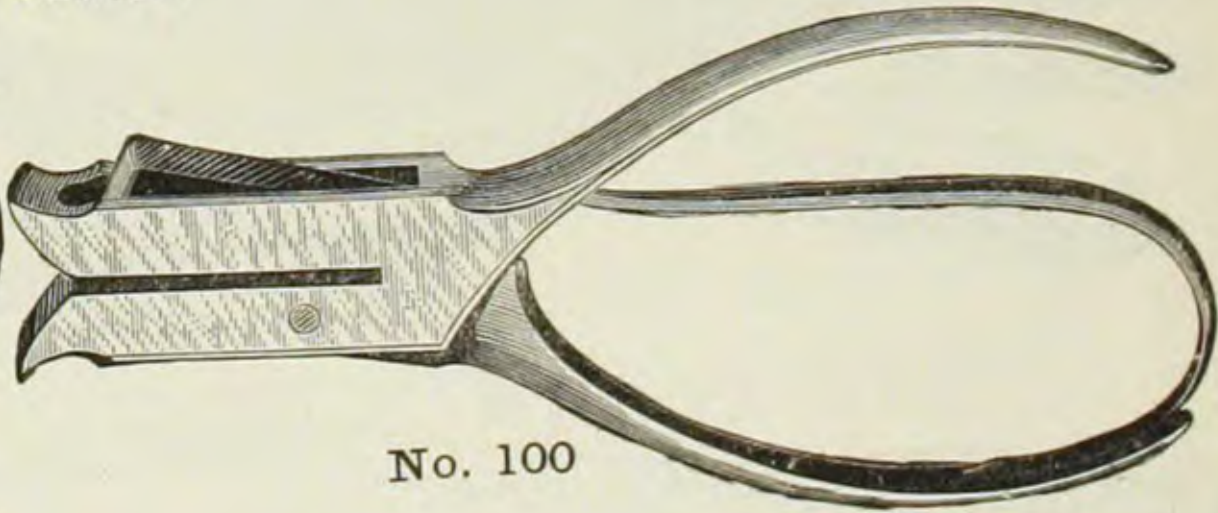


ALL STEEL, NICKEL-PLATED
5 inches, Six Assorted Dies, per dozen, \$6.00 4 inches, Fine Polished, per dozen, \$8.25
Half dozen in a box. One dozen in a box.

CONDUCTORS' PUNCHES NICKEL-PLATED



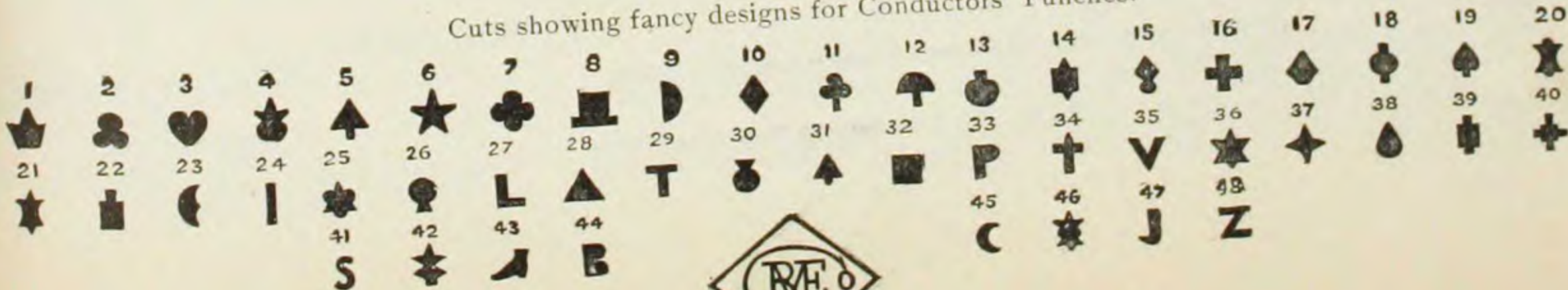
No. 200



No. 100

No. 200 Round Holes, per dozen, \$14.00
No. 200 Fancy Holes, Assorted Designs, " " 15.00
No. 150 Fancy Holes, Assorted Designs, style of No. 100, per dozen, \$18.00
No. 100 Fancy Holes, Assorted Designs, " " 21.00
One dozen in a box.

Cuts showing fancy designs for Conductors' Punches.



RIVET SETS AND HEADERS



BEST CAST STEEL, POLISHED AND BLUED

Nos.	00 and 0	1 and 2	3 and 4
Per dozen,	\$9.00	7.50	6.00
Nos.		5 and 6	7 and 8
Per dozen,		\$4.50	3.75

One dozen in a box.

CAST STEEL, HALF POLISHED

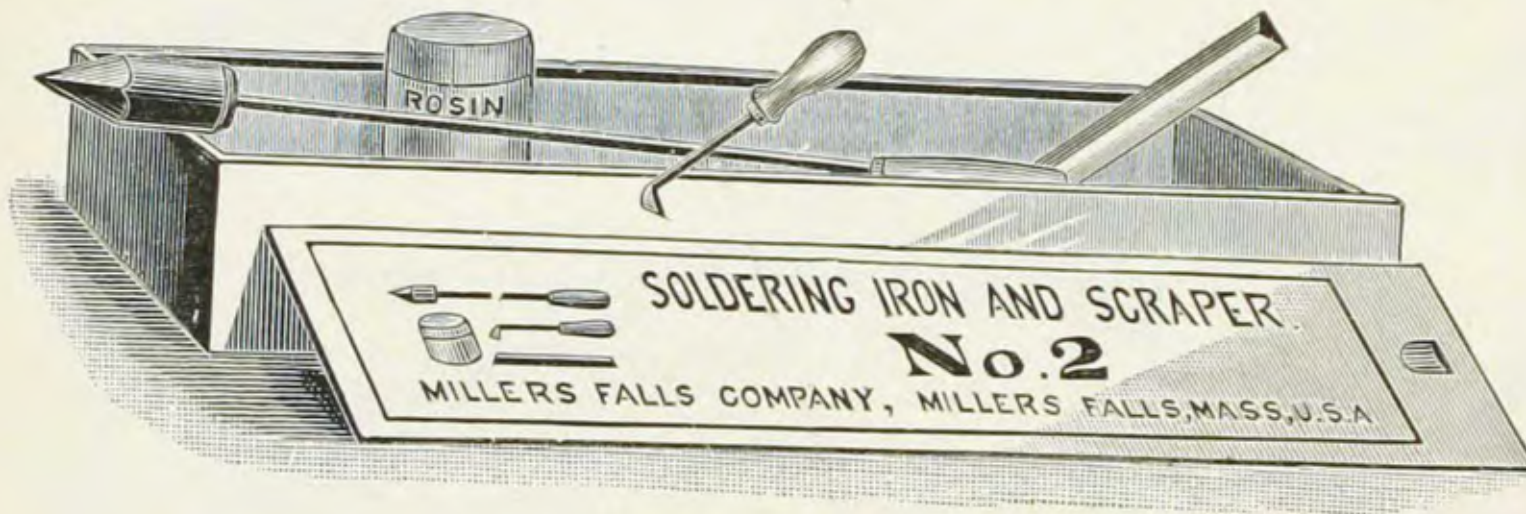
Nos.	00 and 0	1 and 2	3 and 4
Per dozen,	\$9.00	7.50	6.00
Nos.		5 and 6	7 and 8
Per dozen,		\$4.50	3.75

For Iron Riv., lbs.,	14	12 and 10	8	6	5 and 4	3 and 2½	2 and 1¾	1½	1¼	oz., 12 and 10
For Cop. Riv., Nos.		5	6	7	8	9	10 and 11	12	13	14
Sizes of Rivet Sets and Solid Punches.										
Nos.	00	0	1	2	3	4	5	6	7	8



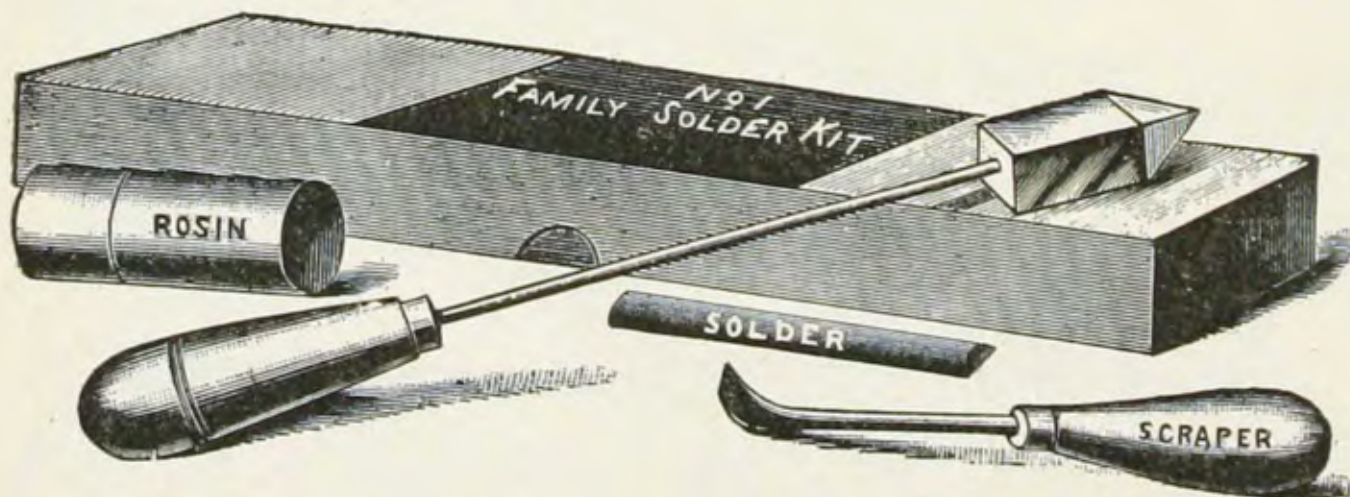
COPPER SOLDERING IRONS

Per pound.
1 and 1½ lbs. to the pair, \$0.55
2, 3, 4, 5, 6, 7, 8 lbs. to the pair, .50



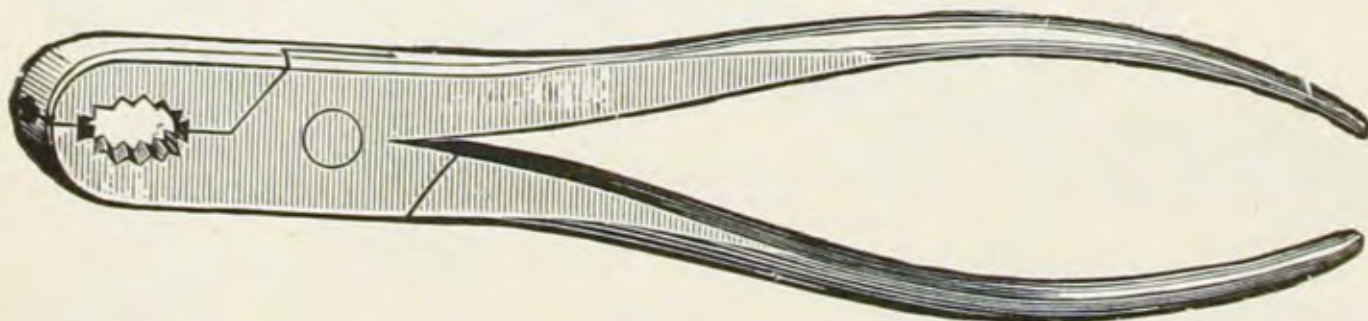
GEM SOLDERING CASKETS

No.	Per dozen sets.
1	Adapted for Gas Burners, \$12.00
2	Adapted for Ordinary Use, 6.00



FAMILY SOLDERING SETS

Per dozen, \$3.15

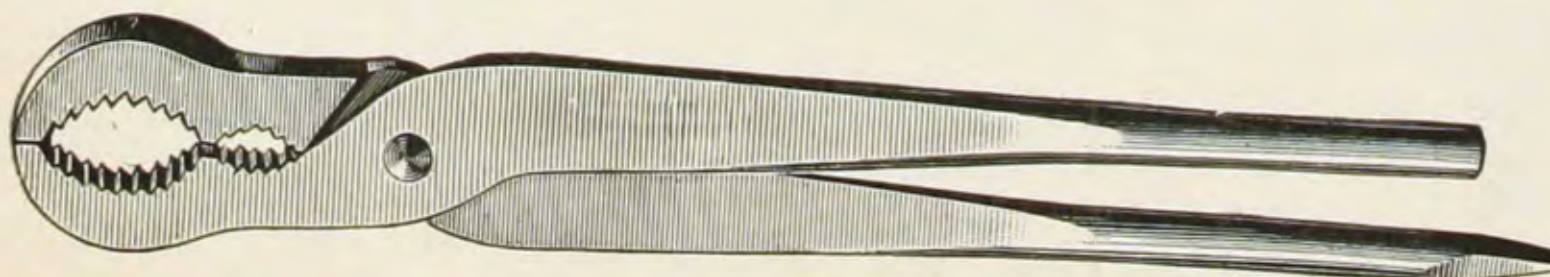


BURNER PLYERS

FORGED STEEL, POLISHED

Size, inches,	5	6
Per dozen,	\$6.00	7.00

Half dozen in a box.



GAS PLYERS

FORGED STEEL, POLISHED

Size, inches,	7	8	9
Per dozen,	\$8.00	9.25	10.25
Size, inches,	10	12	
Per dozen,	\$12.50	14.50	

Half dozen in a box.



PLIERS

FLAT NOSE, COMMON QUALITY

Size, inches,	4	4½	5	5½	6
No. 30 Per dozen,	\$2.75	2.90	3.10	3.50	3.75

FLAT NOSE, STANDARD QUALITY, POLISHED JAWS

Size, inches,	4	4½	5	5½
No. 10 Per dozen,	\$4.60	4.60	4.80	5.40
Size, inches,	6	7	8	
No. 10 Per dozen,	\$6.00	8.00	10.00	

ROUND NOSE, STANDARD QUALITY, POLISHED JAWS

Size, inches,	4	4½	5	5½
No. 20 Per dozen,	\$4.60	4.60	4.80	5.40
Size, inches,	6	7	8	
No. 20 Per dozen,	\$6.00	8.00	10.00	

SIDE CUTTING PLIERS

Size, inches,	4½	5	5½
No. 40 Per dozen,	\$12.40	12.40	13.60
Size, inches,	6	7	8
No. 40 Per dozen,	\$15.00	19.20	23.20

END CUTTING NIPPERS

Size, inches,	4½	5	5½
No. 50 Per dozen,	\$10.50	10.50	11.50
Size, inches,	6	7	8
No. 50 Per dozen,	\$13.00	16.80	22.00

KEYES' PATENT PLIERS

Size, inches,	4	5	6	7
No. 1 Black, per dozen,	\$1.00	1.25	1.50	1.75
No. 10 Nickel-plated, " "	1.25	1.50	1.75	2.00

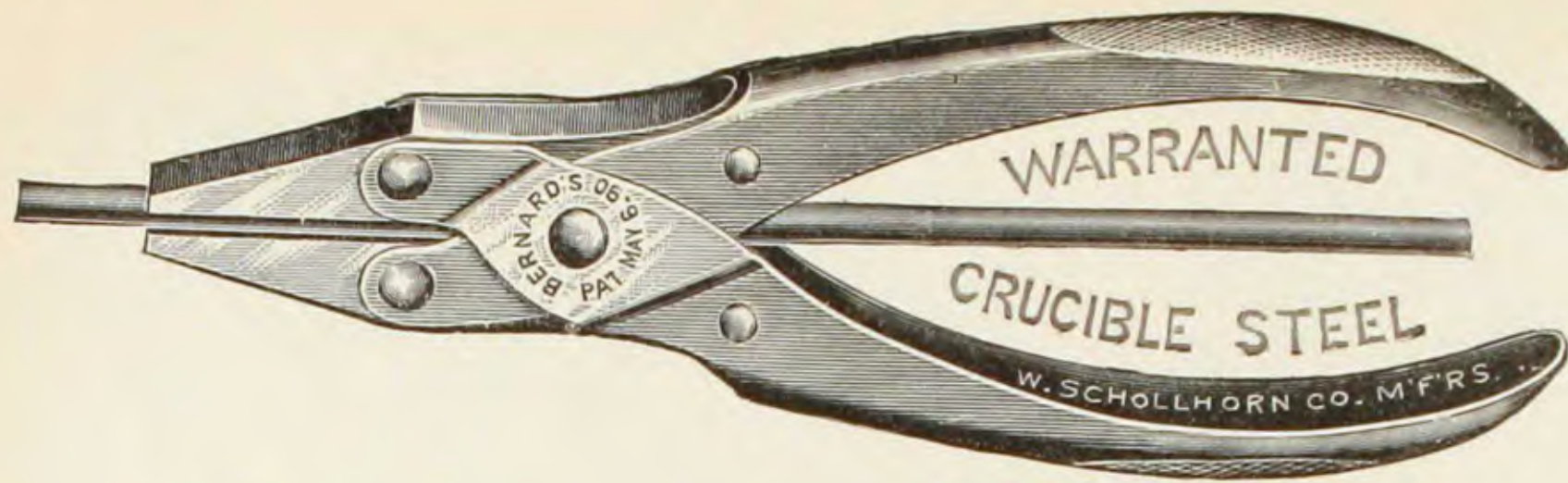
KEYES' PATENT WIRE CUTTERS

No. 20 Black, 3 7/8 inches,	per dozen, \$1.50
No. 60 " 5 inches,	" " 1.75
No. 30 Nickel-plated, 3 7/8 inches,	" " 1.75

EUREKA COMBINATION PLYER

Solid Steel, with Tool Steel Cutters. Plyer, Cutter, and Hammer combined, 9 inches, per dozen, \$6.00
No. 30, one dozen in a package; balance, half dozen in a box.





BERNARD'S PLYERS

NICKEL-PLATED, FLAT NOSE

Size, in., 4½ 5½ 6½ 7½
Per dozen, \$7.00 9.00 11.00 15.00

ROUND NOSE

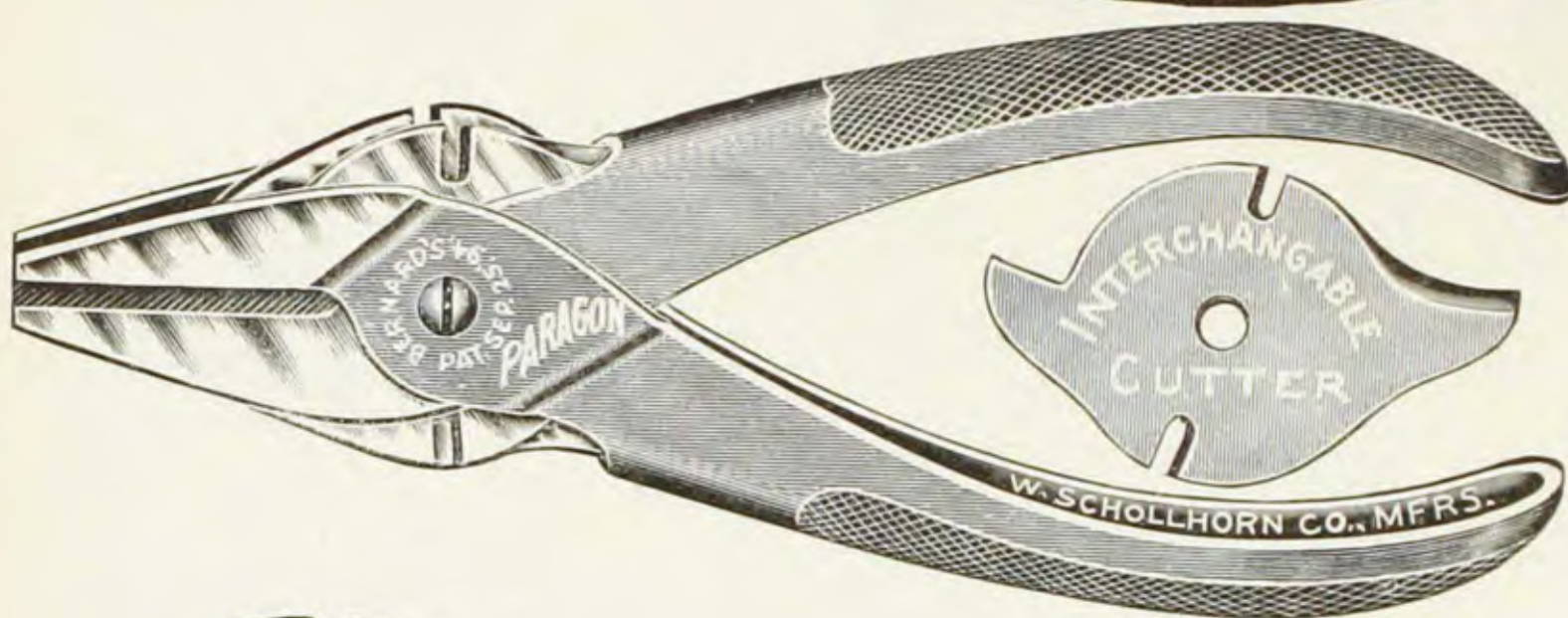
Size, inches, 4½ 5½ 6½
Per dozen, \$7.00 9.00 11.00



BERNARD'S CUTTING PLYERS

NICKEL-PLATED

Size, in., 4½ 5½ 6½ 7½
Per doz., \$11.50 14.50 17.50 23.50



PARAGON CUTTING PLYERS

POLISHED JAWS, SCREW AND NUT NICKEL-PLATED

Size, inches, 5 6
Per dozen, \$5.50 7.50

LODI CUTTING PLYERS

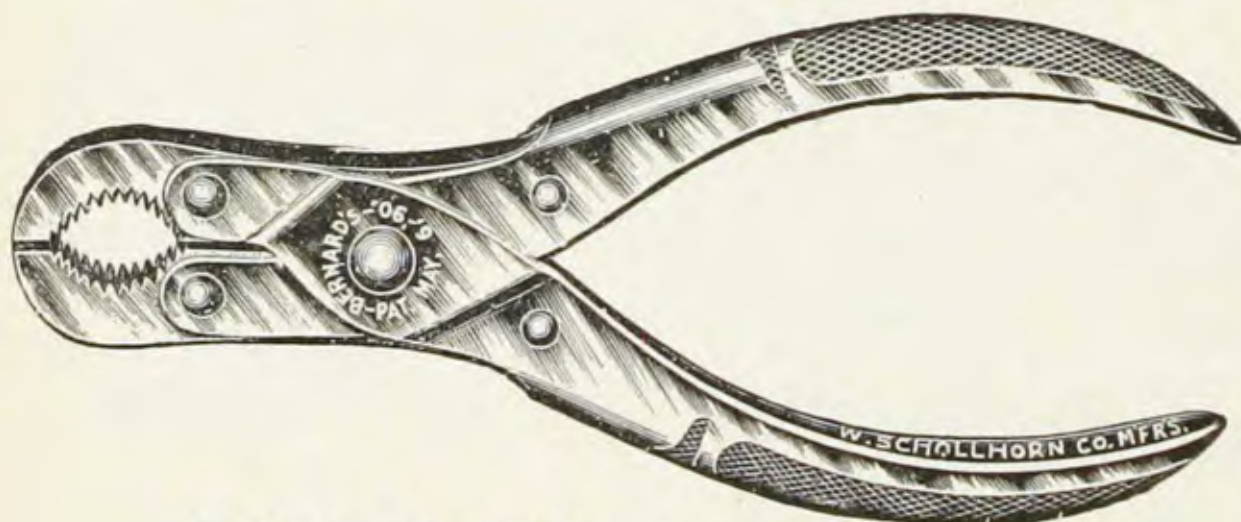
BRIGHT FINISH

5½ inches, per dozen, \$2.50



ELM CITY FENCE PLYERS

9 inches, per dozen, \$10.00



BERNARD'S BURNER AND GAS PLYERS

NICKEL-PLATED

Size, inches, 5 (one hole) 7 (two holes)
Per dozen, \$9.50 12.00

LODI STEEL PLYERS



BRIGHT FINISH

Size, inches, 4 4½ 5 5½ 6
Per dozen, \$1.20 1.40 1.60 1.80 2.00

PARAGON FLAT NOSE PLYERS



NICKEL-PLATED

Size, inches, 4 4½ 5 5½ 6
Per dozen, \$2.70 3.15 3.60 4.05 4.50

All above, half dozen in a box.



COMPOUND LEVER AND CUTTING NIPPERS

FOR ORDINARY USE

WITH DETACHABLE JAWS AND DUPLICATE PARTS
 No. 5 5 inches, Polished Faces, per dozen, \$15.00
 No. 6 6 " " " " " 19.00

WARRANTED TO CUT MUSIC WIRE

WITH DETACHABLE JAWS AND DUPLICATE PARTS
 No. 15 5 inches, all Polished, per dozen, \$24.00
 No. 16 6 " " " " " 28.00

FOR BICYCLE AND GENERAL USE
 WITH DETACHABLE JAWS AND VOLUTE
 STEEL SPRINGS

No. 7 7 inches, Polished Faces, per dozen, \$21.00
 No. 8 8 " " " " " 24.00

EXTRA PARTS

For Nos.	5	6	7	8	15	16
Cutting Jaws, Tempered, each,	\$0.60	.75	.75	.85	1.00	1.20
Handles, " "	.20	.25	.25	.30	.25	.30
Coiled Wire Springs, " "	.10	.10			.10	.10
Volute Steel, " "			.15	.15		
Center Rivets, " "	.10	.10	.10	.10	.10	.10
Rivets for Handles, " "	.03	.03	.04	.04	.03	.03

SIDE CUTTING PLIERS

FORGED STEEL BOX JOINT
 WITH RAISED CUTTERS

Length, inches,	5	6	7	8
No. 45 per doz.,	\$12.50	13.50	17.00	20.00

BUTTON'S PATENT PLIERS

COMBINED PLIERS AND CUTTING NIPPERS

	Cuts wire up to No.	Per doz.
4 1/2 in.	14	\$10.00
6 "	11	12.00
8 "	8	15.00
10 "	6	20.00
12 "	5	30.00

Made both Flat and Round Nose. Flat Nose will be sent unless otherwise ordered.

TELEGRAPH PLIERS

	Cuts wire up to No.	Per doz.
8 in.	8	\$15.00
10 "	6	20.00

CRONK'S PATENT WIRE CUTTER AND BENDER

8 inches, per dozen, \$15.00
 10 " " " " 21.00

This Tool can also be used as a Hog Ringer.

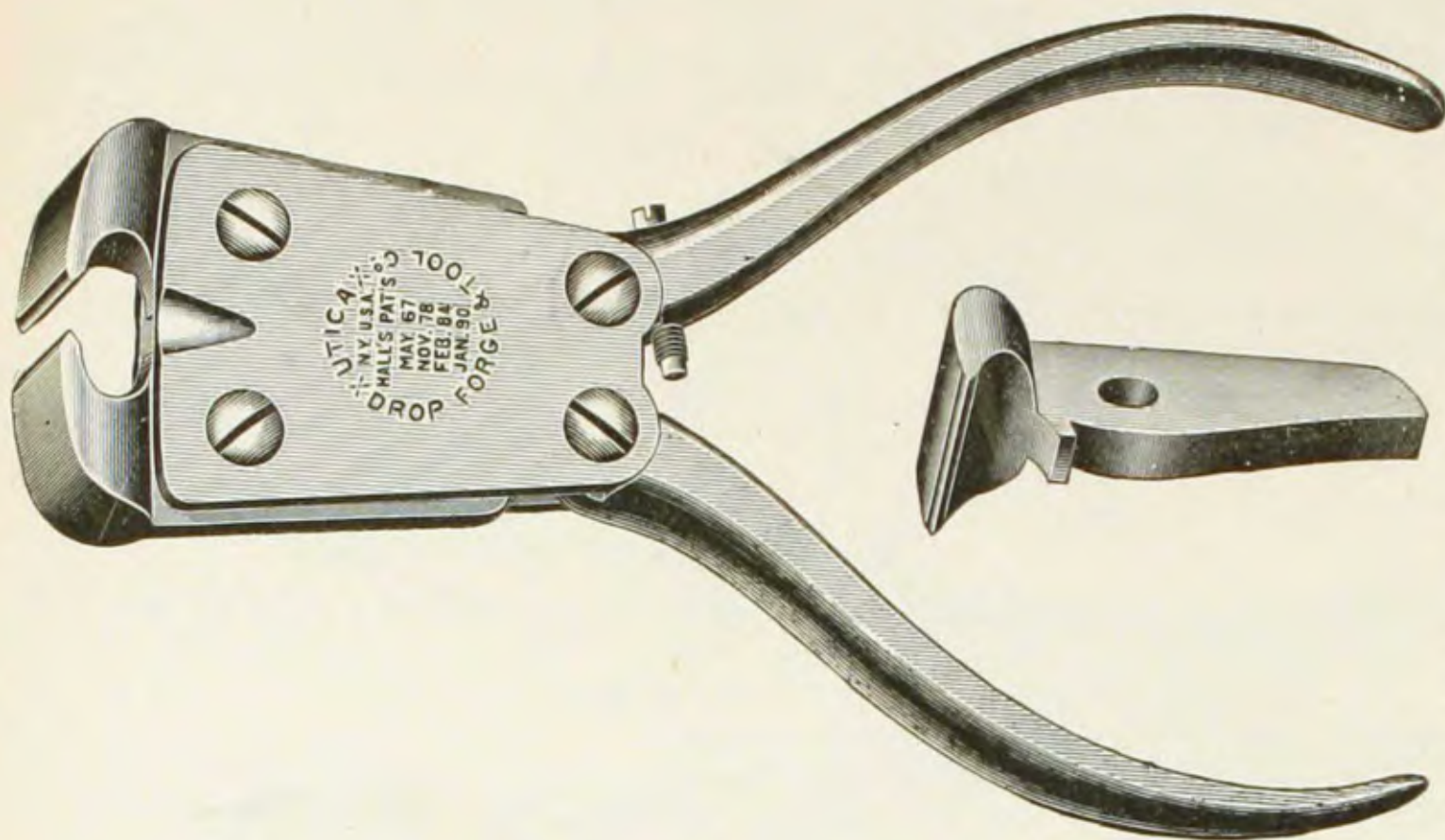
CRONK'S COMBINATION FENCING PLIERS

11 inches, per dozen, \$12.00
 All above half dozen in a box.



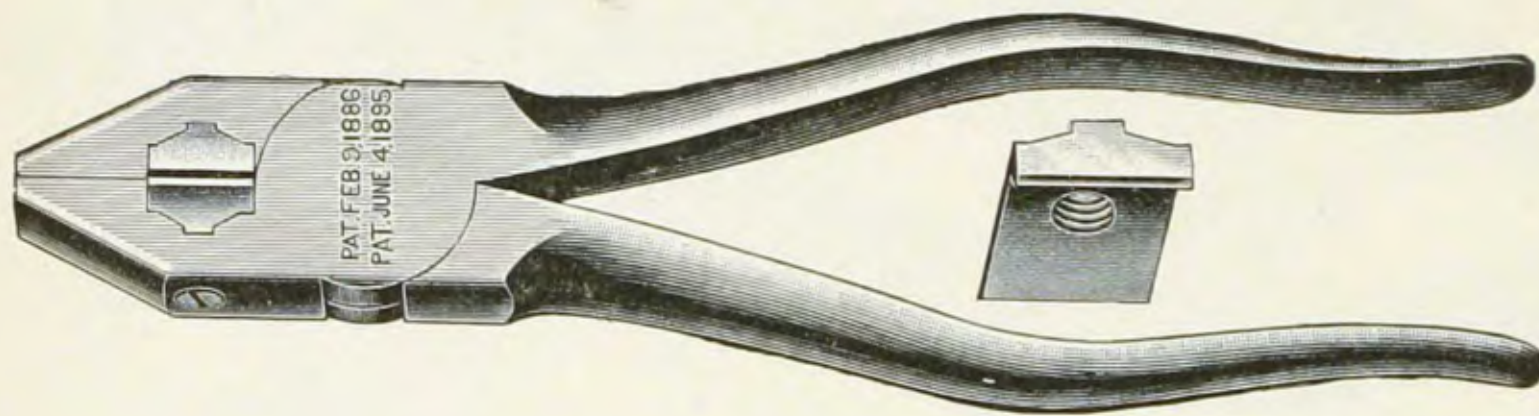
COMPOUND CUTTING NIPPERS

FORGED FROM BEST TOOL STEEL. ALL PARTS INTERCHANGEABLE. BRIGHT JAWS AND PLATES.
BLACK HANDLES.



Nos.	1	2	3
Size, inches,	4	5	6
Will cut wires up to	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$
per dozen, \$	12.00	13.50	19.50
Jaws, " "	3.00	3.00	3.60
Handles, " "	3.00	3.00	3.60
Screws, " "	.60	.60	.60
Springs, " "	.60	.60	.60

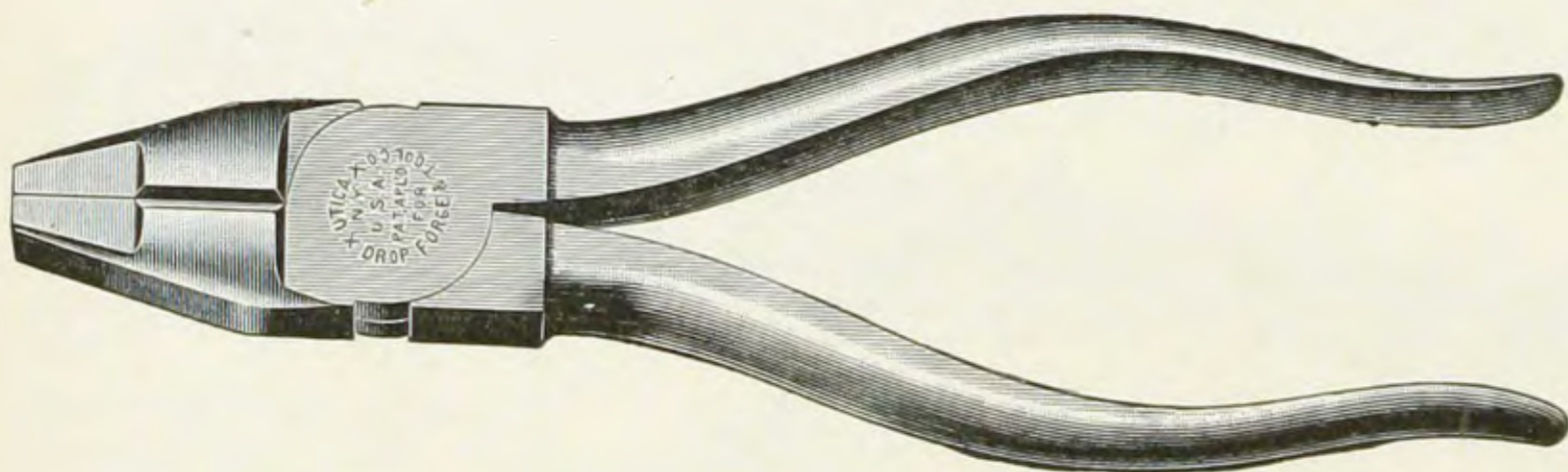
Nos.	4	6	9
Size, inches,	7	8	11
Will cut wires up to	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$
per dozen, \$	21.00	24.00	27.00
Jaws, " "	4.00	5.00	5.00
Handles, " "	4.00	5.00	6.00
Screws, " "	.60	1.20	1.20
Springs, " "	.60	.84	.84



ROYAL BLUE SIDE CUTTING PLIERS

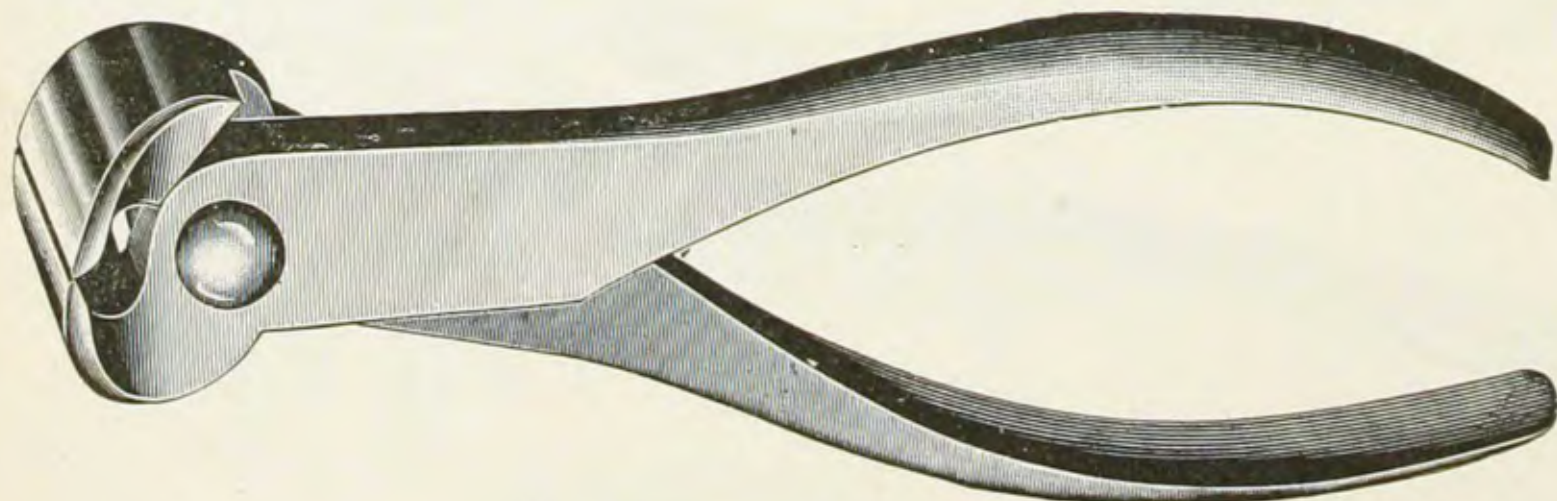
REVERSIBLE AND RENEWABLE JAWS,
AND ROUNDED SIDES AND CORNERS

No. 90	Black, Blued Head 8-inch,	Per dozen, \$36.00
No. 390	Full Blued " "	41.00



STANDARD SIDE CUTTING PLIERS

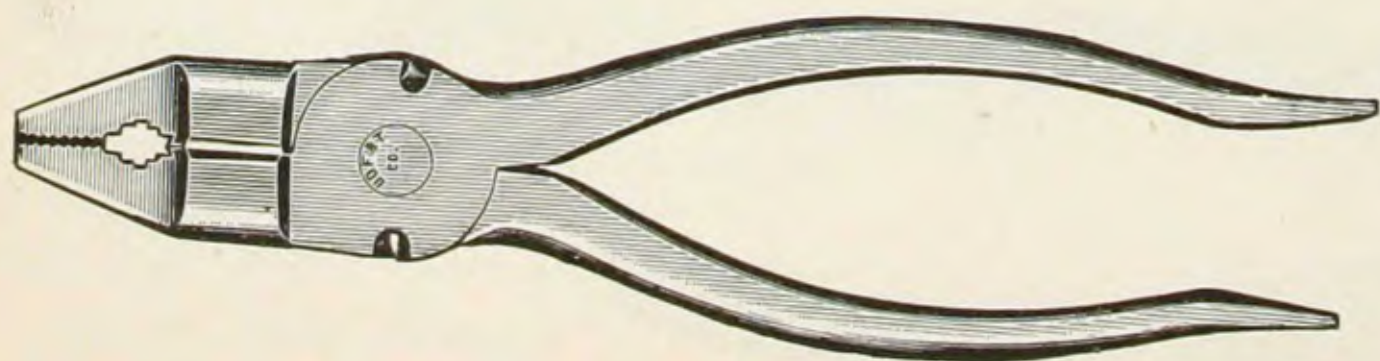
Size, inches,	4	5	5½
No. 50 Black, Polished			
Jaws, per doz.,	\$7.20	7.80	8.65
Size, inches,	6	7	8
No. 50 Black, Polished			
Jaws, per doz.,	\$9.35	12.00	14.50



BULL DOG END CUTTING NIPPERS

FORGED FROM SPECIAL TOOL STEEL

Size, inches,	5	5½	6
No. 60 Black, Polished			
Jaws, per doz.,	\$8.50	9.70	12.00
Size, inches,	7	8	
No. 60 Black, Polished			
Jaws, per doz.,	\$13.50	16.00	



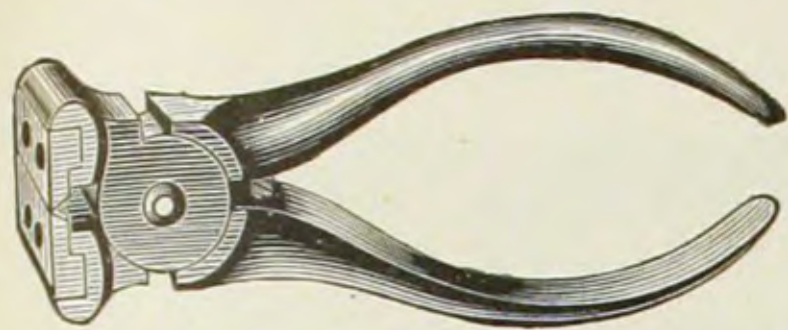
COMBINATION FLAT NOSE, GAS PIPE, SIDE CUTTING AND BUTTON PLIERS

No. 700	Black, 7 inches,	per dozen, \$13.00
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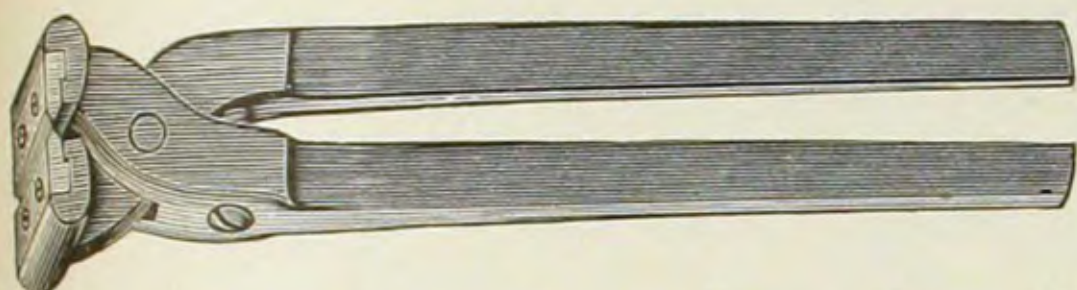
All above, half dozen in a box.



TODD'S IMPROVED PATENT CUTTING NIPPERS



No. 5 5 inches, each, \$1.25



Nos.	0	1	2	3	4
Size, inches,	15	12	11	10	8
Each,	\$3.00	2.25	2.00	1.75	1.50

One in a package.

The Cutters are forged from the best Cast Steel, and tempered in the best manner. When worn out, can be easily replaced.

EXTRA CUTTERS



Nos.	0	1	2
Per pair, \$	0.60	.40	.40
Nos.	3	4	5
Per pair, \$	0.40	.35	.35

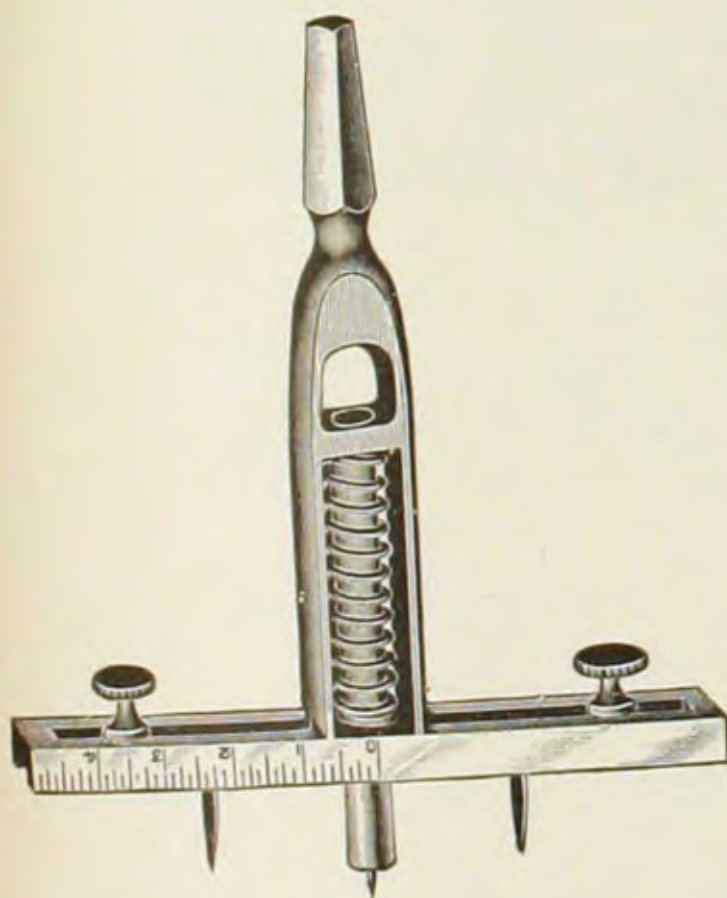
HAND CUT STEEL LETTERS AND FIGURES



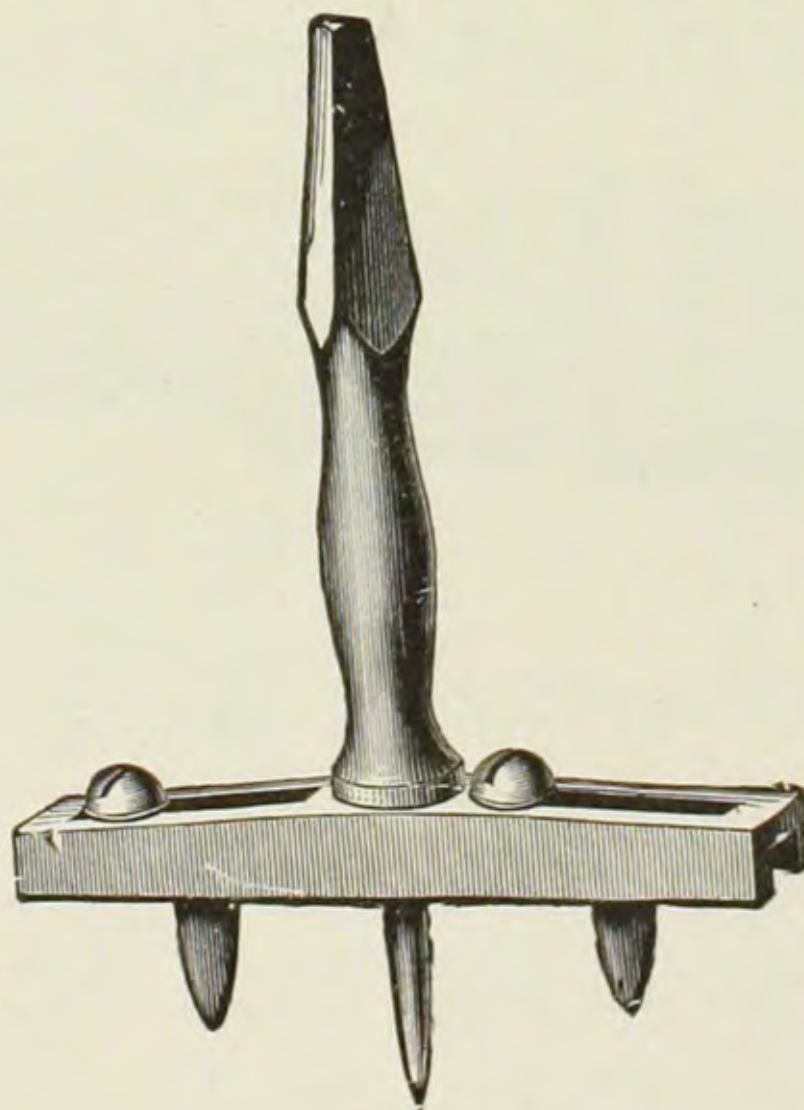
Size, inches,	$\frac{1}{32}$	$\frac{1}{16}$ to $\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$
Letters, per set,	\$3.75	2.70	3.45	3.75
Figures, " "	1.25	.90	1.15	1.25

Size, inches,	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
Letters, per set,	\$4.50	5.25	7.50	10.50	13.50
Figures, " "	1.50	1.75	2.50	3.50	4.50

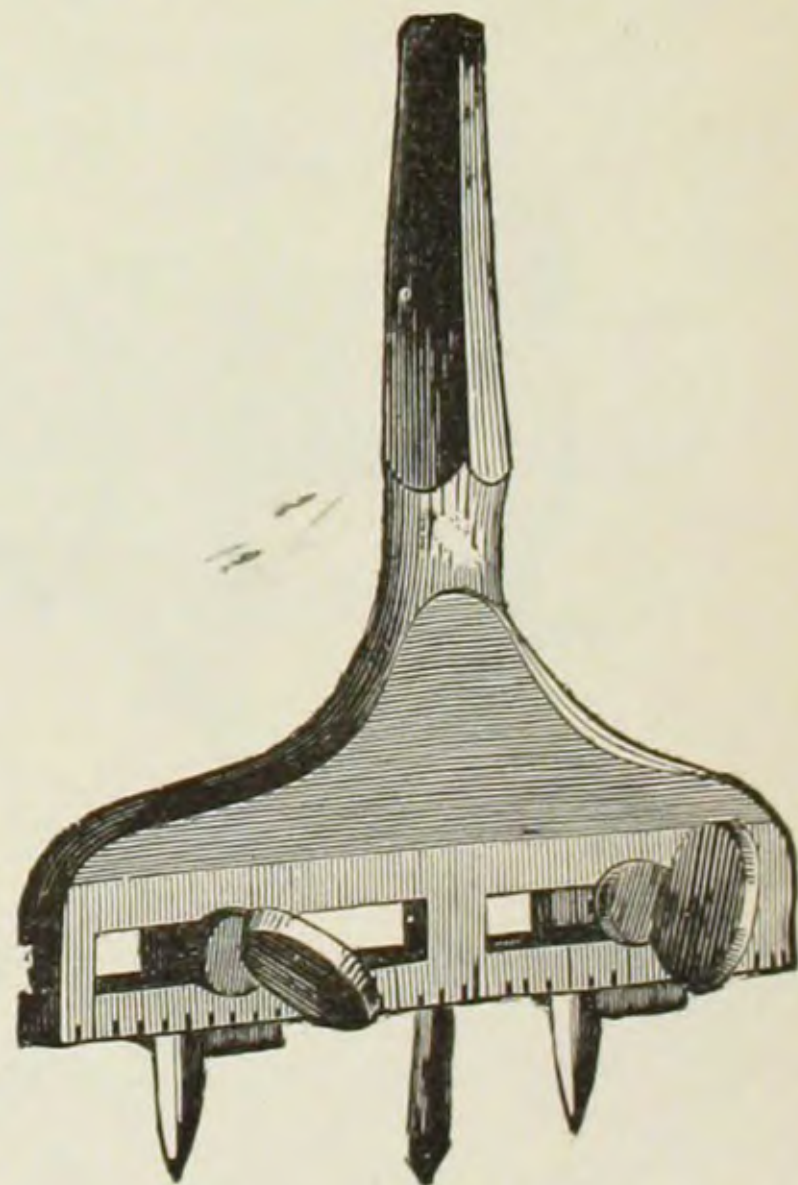
WASHER CUTTERS



EAGLE
Cuts 5 in. Washer, Per dozen. \$12.00
Extra Knives, 1.00
Half dozen in a box.



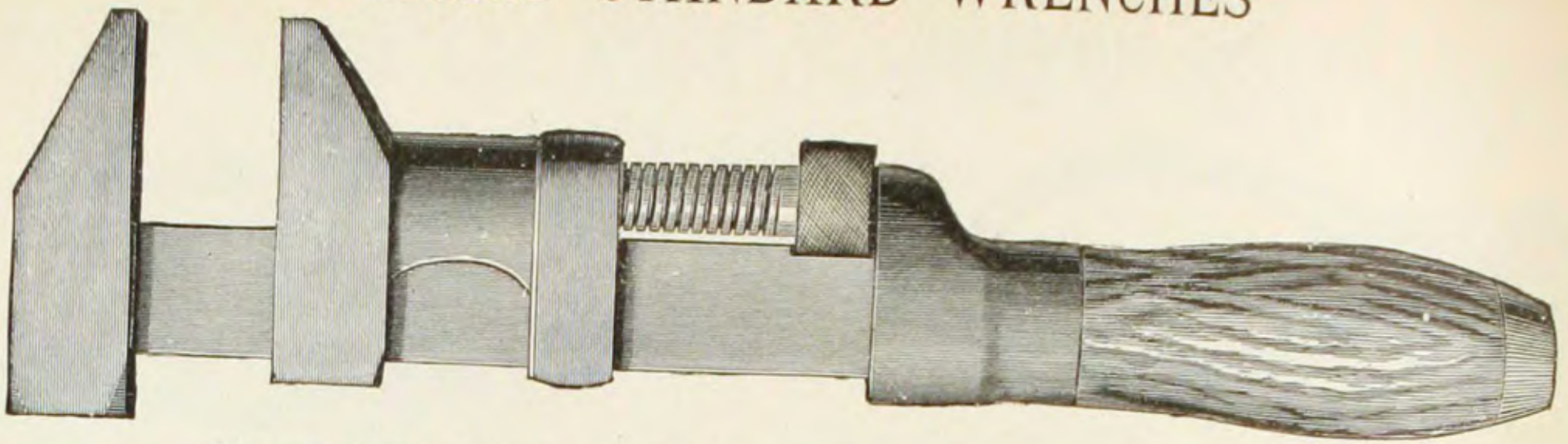
WOODWARD'S
Cuts 2 1/2 in. Washer, Per dozen. \$7.50
One dozen in a box.



SMITH'S
Cuts 3 1/4 in. Washer, Per dozen. \$12.00
Extra Cutters, 2.25
One dozen in a box.



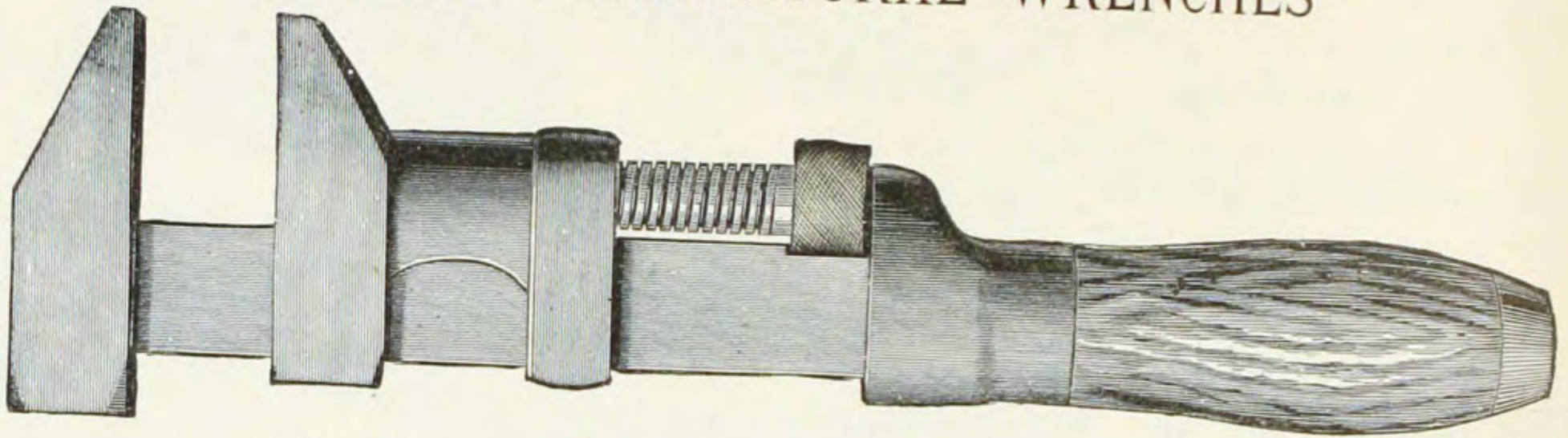
GIRARD STANDARD WRENCHES

HEAVY WROUGHT IRON BAR, HEAD, AND SCREW
THOROUGHLY CASE-HARDENED

Size, inches,	6	8	10	12	15	18	21
Black, per dozen,	\$9.00	10.00	12.00	14.00	24.00	30.00	36.00

6 to 15 inches, half dozen in a package; 18 and 21, one-third dozen.

GIRARD AGRICULTURAL WRENCHES

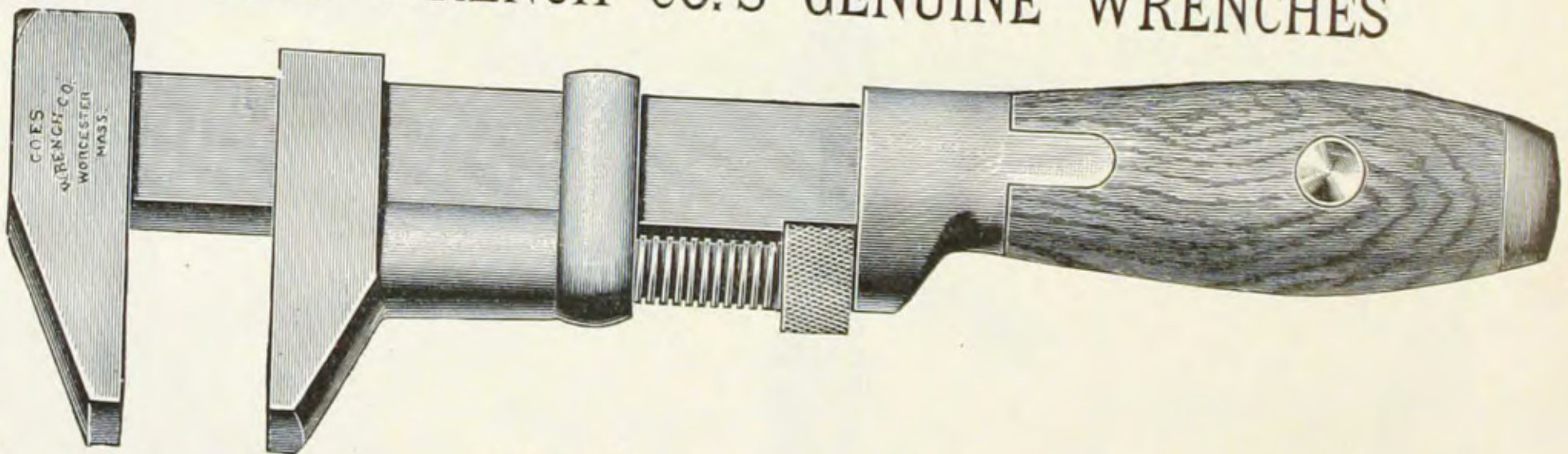


WROUGHT IRON BAR, HEAD, AND SCREW

Size, inches,	6	8	10	12	15
Black, per dozen,	\$9.00	10.00	12.00	14.00	24.00

Half dozen in a package.

COES WRENCH CO.'S GENUINE WRENCHES



IMPROVED KNIFE HANDLE

Size, inches,	4	6	8	10	12	15	18	21
Black, per dozen,		\$9.00	10.00	12.00	14.00	24.00	30.00	36.00
Bright, " "	\$10.00	10.00	11.00	14.00	16.00	26.00	32.00	38.00

4 to 12 inches, half dozen in a package; 15, 18, and 21, one-third dozen.

TABLE SHOWING OPENING CAPACITY OF ABOVE WRENCHES, AND CONTENTS OF CASES

Size, inches,	4	6	8	10	12	15	18	21
Girard's, will open, inches,		$\frac{7}{8}$	$1\frac{1}{4}$	$1\frac{3}{4}$	$2\frac{1}{8}$	$2\frac{3}{8}$	$3\frac{1}{4}$	$4\frac{1}{4}$
Coes' " " " "	$\frac{1}{2}$	$\frac{7}{8}$	$1\frac{1}{4}$	$1\frac{3}{4}$	$2\frac{1}{8}$	$2\frac{5}{8}$	3	$4\frac{1}{8}$
Cases contain, dozen,	6	6	6	6	6	3	2	1



SOLID HANDLE WRENCHES

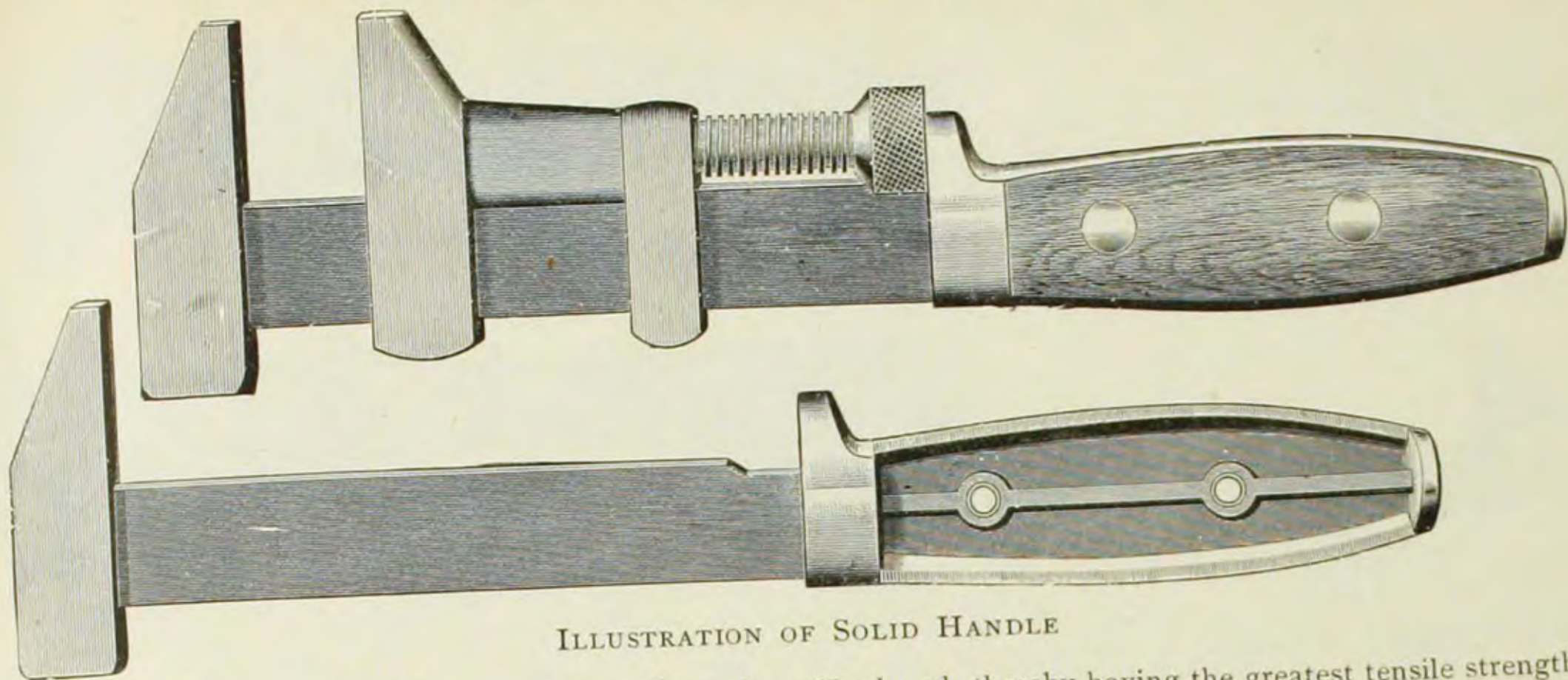


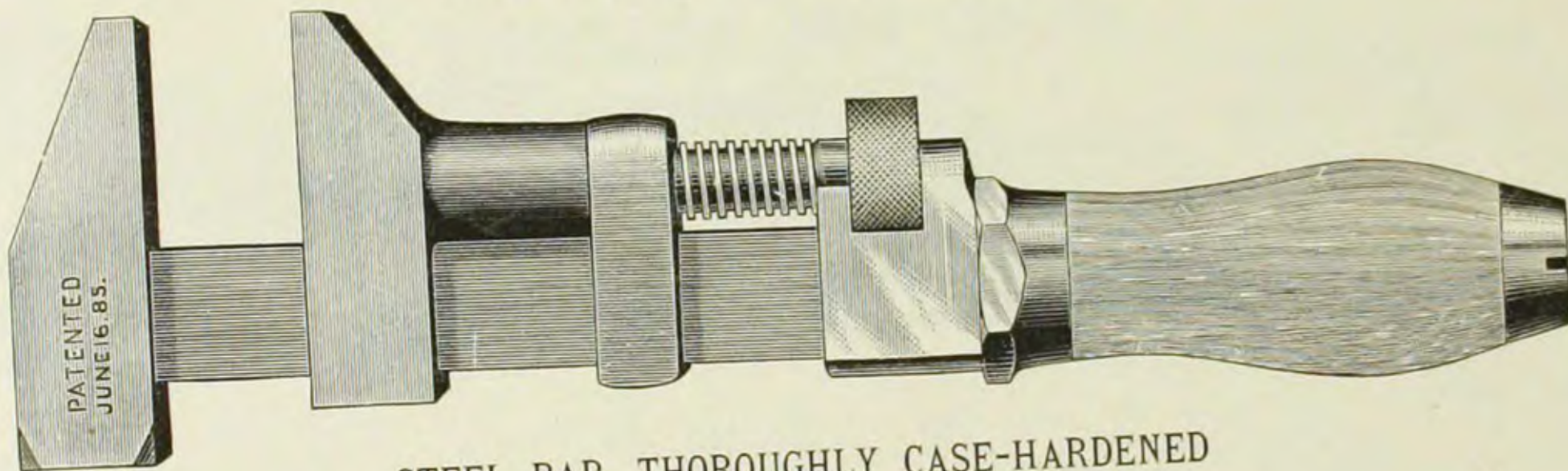
ILLUSTRATION OF SOLID HANDLE

The entire bar a Solid Steel Forging of one piece, Case-Hardened, thereby having the greatest tensile strength. Warranted in every respect.

Size, inches,	6	8	10	12	15	18	21
Black, per dozen,	\$9.00	10.00	12.00	14.00	24.00	30.00	36.00
Bright, " "	10.00	12.00	14.00	16.00	26.00	32.00	38.00

6 to 12 inches, half dozen in a wooden box; 15 and 18 inches, one-third dozen; 21 inches, one-twelfth dozen.

ROBINSON'S WRENCHES

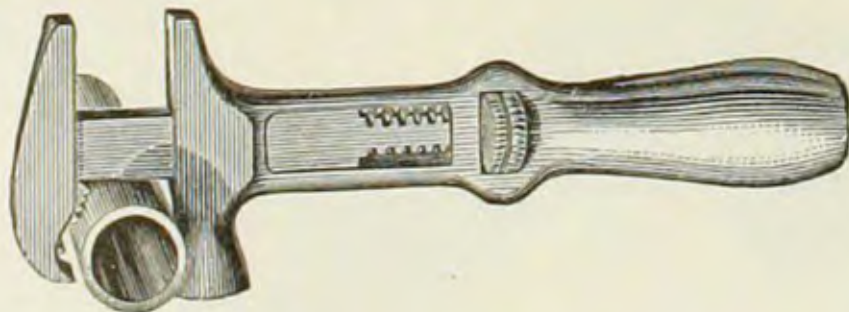


STEEL BAR, THOROUGHLY CASE-HARDENED

Size, inches,	6	8	10	12	15	18	21
Black, per dozen,	\$9.00	10.00	12.00	14.00	24.00	30.00	36.00
Bright, " "	10.00	12.00	14.00	16.00	26.00	32.00	38.00
Blued, " "	10.00	12.00	14.00	16.00	26.00	32.00	38.00

6 to 12 inches, half dozen in a wooden box; 15 and 18 inches, one-third dozen; 21 inches, one-twelfth dozen.

BOARDMAN'S WRENCHES



This combination comprises a Screw Wrench, Pipe Wrench, Hammer, Nail Claw, Screw-driver, Bit Handle or Socket Wrench.

NICKEL-PLATED

No.	4 1/2 inches, opens 1 inch,
0	1 1/4 "
1	1 3/4 "
2	2 1/2 "
3	10 "

Half dozen in a box.

Per dozen.
\$8.50
11.00
16.50
22.50

GEM POCKET WRENCHES

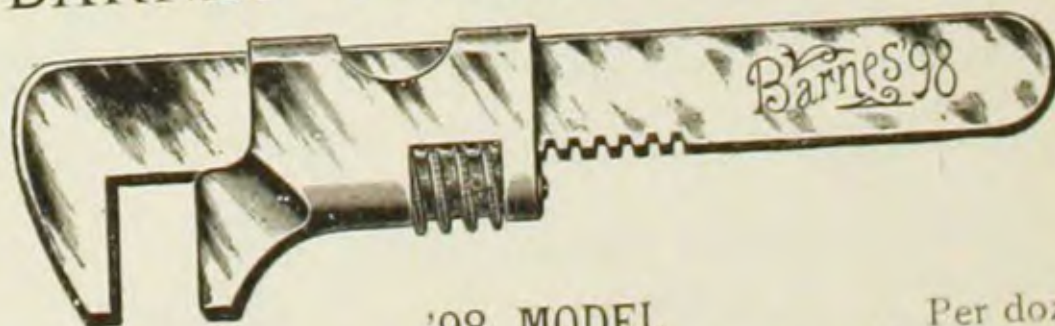


3 inches, Nickel-plated,
4 " " " " " "

per dozen, \$4.50
" " " " 6.00

One in a box.

BARNES' BICYCLE WRENCHES



'98 MODEL

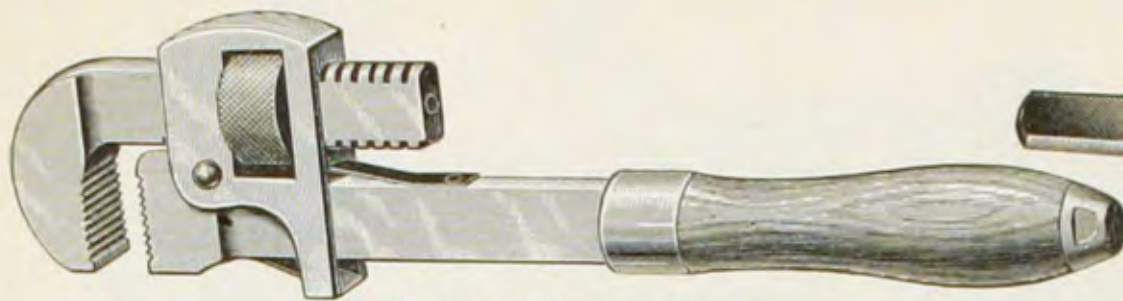
Fifty per cent. Carbon Steel, thoroughly Case-Hardened and Tested, Guaranteed, Nickel-plated,

Per dozen.

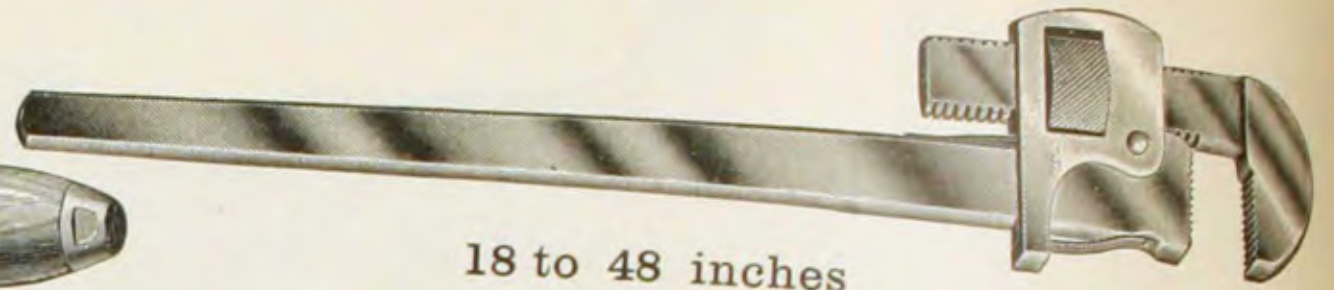
\$4.80



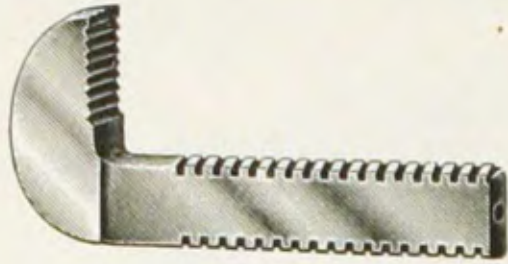
STILLSON'S PIPE WRENCHES



6 to 18 inches



18 to 48 inches



Jaw



Handle



Nut

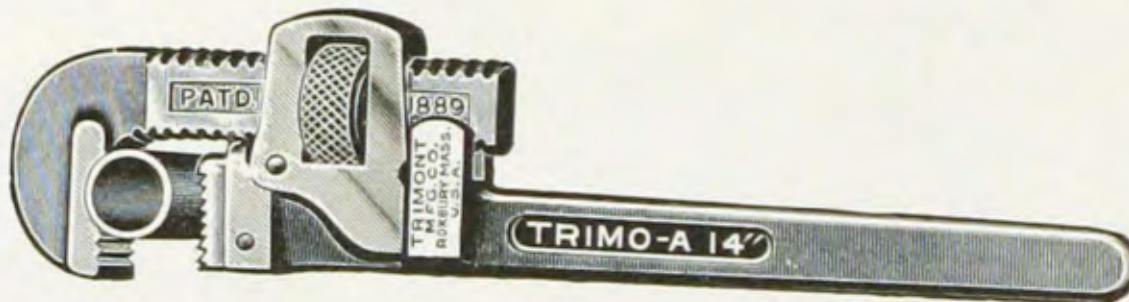


Frame

Length, open, inches,	6	8	10	14	18	24	36	48
Takes from	$\frac{1}{8}$ in. wire to $\frac{1}{2}$ in. pipe.	$\frac{1}{8}$ in. wire to $\frac{3}{4}$ in. pipe.	$\frac{1}{8}$ in. wire to 1 in. pipe.	$\frac{1}{4}$ in. wire to $1\frac{1}{2}$ in. pipe.	$\frac{1}{4}$ in. wire to 2 in. pipe.	$\frac{1}{4}$ in. wire to $2\frac{1}{2}$ in. pipe.	$\frac{1}{2}$ in. pipe to $3\frac{1}{2}$ in. pipe.	1 in. pipe to 5 in. pipe.
Wrenches, each,	\$2.00	2.00	2.25	3.00	4.00	6.00	12.00	18.00
Jaws, "	.67	.67	.75	1.00	1.33	2.00	4.00	6.00
Frames, "	.25	.25	.33	.45	.55	.65	.75	1.00
Nuts, "	.20	.20	.27	.35	.42	.50	.65	1.00
Handles, "	.15	.15	.20	.25	.30	.50	.65	.80

6 to 24 inches, six in a wood box.

TRIMO PIPE WRENCHES



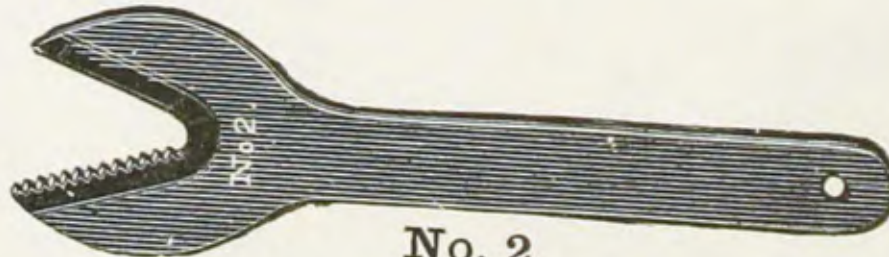
Length, open, inches,	6	8	10	14	18	24	36	48
Takes from	$\frac{1}{8}$ in. wire to $\frac{1}{2}$ in. pipe.	$\frac{1}{8}$ in. wire to $\frac{3}{4}$ in. pipe.	$\frac{1}{8}$ in. wire to 1 in. pipe.	$\frac{1}{4}$ in. wire to $1\frac{1}{2}$ in. pipe.	$\frac{1}{4}$ in. wire to 2 in. pipe.	$\frac{1}{4}$ in. wire to $2\frac{1}{2}$ in. pipe.	$\frac{1}{2}$ in. pipe to $3\frac{1}{2}$ in. pipe.	1 in. pipe to 5 in. pipe.
Wrenches, each,	\$2.00	2.00	2.25	3.00	4.00	6.00	12.00	18.00
Jaws, "	.67	.67	.75	1.00	1.33	2.00	4.00	6.00
Nuts, "	.20	.20	.27	.35	.42	.50	.65	1.00
Inserted Jaws, "	.25	.25	.33	.50	.55	.65	1.00	1.25
Frames, "	.25	.25	.33	.45	.55	.65	.75	1.00

6 to 24 inches, six in a wood box.

ALLIGATOR WRENCHES



No. 1



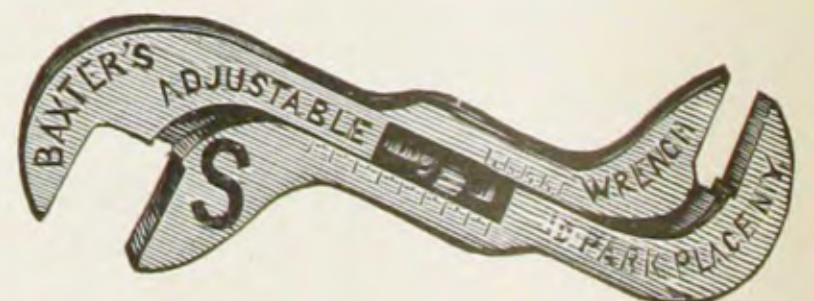
No. 2

Nos.	1	2	3	4	5	Twin.
Holds Pipe, inches,	$\frac{1}{8}$ to $\frac{3}{8}$	$\frac{3}{8}$ to $\frac{1}{2}$	$\frac{1}{2}$ to $1\frac{1}{4}$	$1\frac{1}{4}$ to 2	2 to 3	$\frac{1}{8}$ to $\frac{3}{4}$
" Round Iron, "	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{2}$ to 1	$\frac{3}{4}$ to $1\frac{3}{8}$	$1\frac{1}{2}$ to $2\frac{1}{2}$	$2\frac{1}{4}$ to $3\frac{1}{2}$	$\frac{1}{4}$ to 1
Length, inches,	5 $\frac{3}{4}$	10	16	22	27	10
Per dozen,	\$4.00	12.00	24.00	36.00	54.00	18.00
Pocket, 4 inches,						

DROP FORGED

Nos.	10	20
Holds Pipe, inches,	$\frac{1}{8}$ to $\frac{3}{8}$	$\frac{1}{8}$ to $\frac{3}{4}$
" Round Iron, "	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to $1\frac{1}{4}$
Length, "	5 $\frac{3}{4}$	7
Per dozen,	\$5.00	8.00

BAXTER'S S WRENCHES

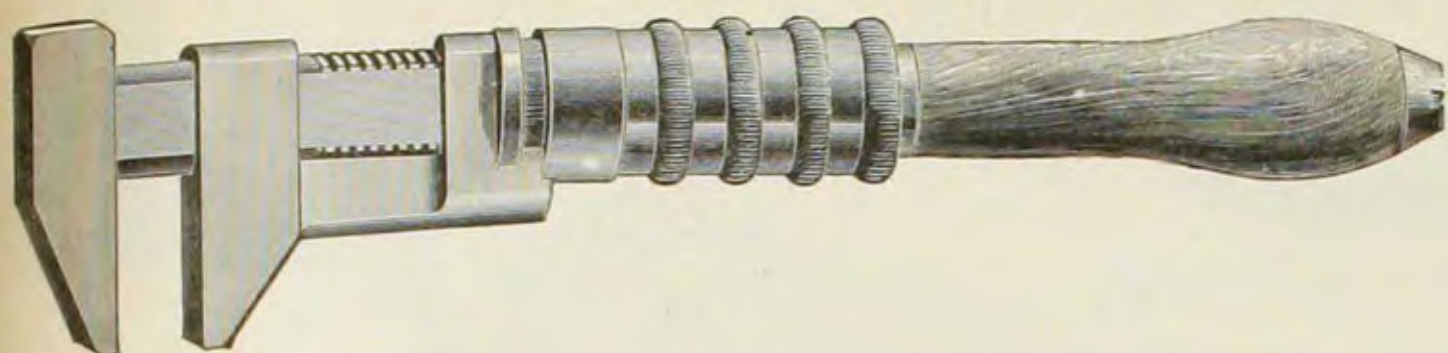


Length, inches,	4	6	8	10
Per dozen,	\$6.00	9.00	12.00	18.00

Half dozen in a package.



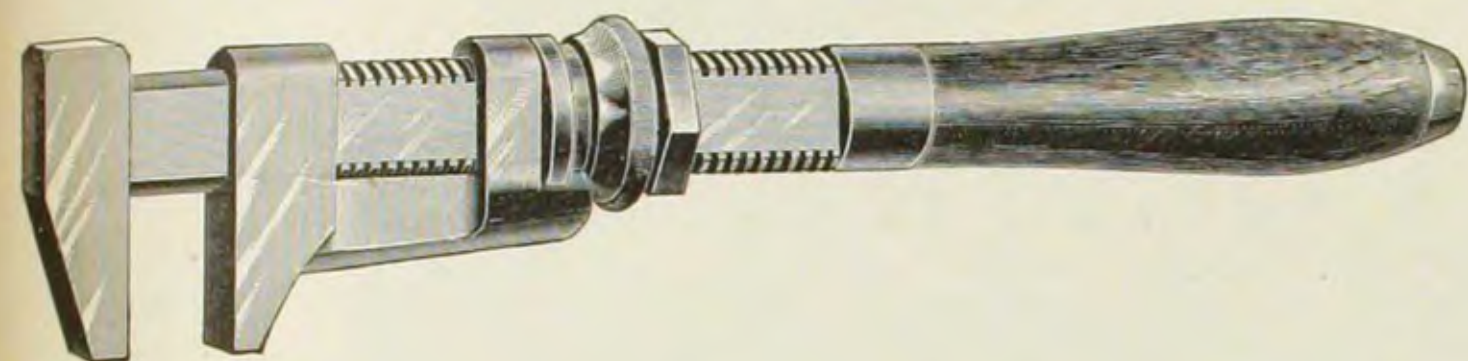
BEMIS & CALL CO.'S WRENCHES



A. D. BRIGGS'

NO. 36 BRIGHT, WITH LONG NUT

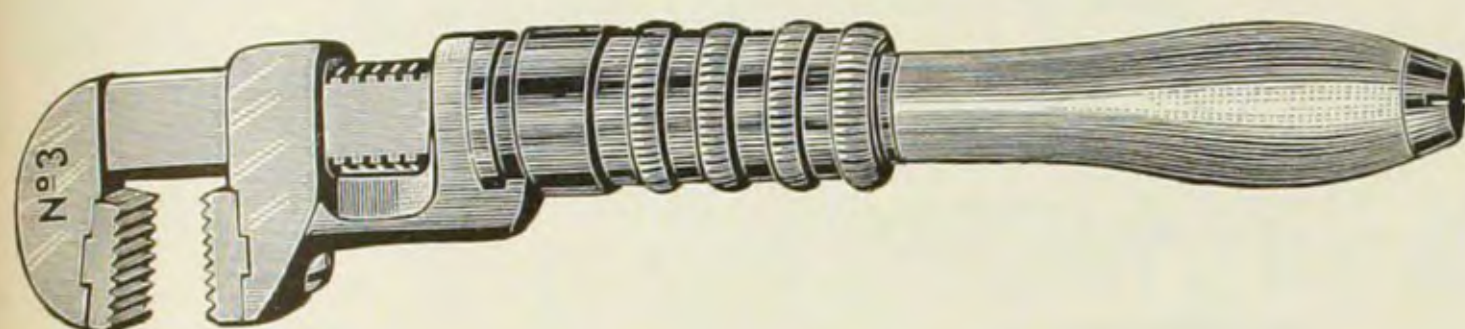
Size, inches,	8	10	12	15	18
Per dozen,	\$13.75	17.50	20.00	32.50	40.00



MERRICK'S PATTERN

NO. 37

Size, inches,	8	10	12	15	18
Opens, "	1 3/8	1 7/8	2 1/8	2 3/8	4
Bright,					
per doz.,	11.00	14.00	16.00	26.00	32.00



PIPE

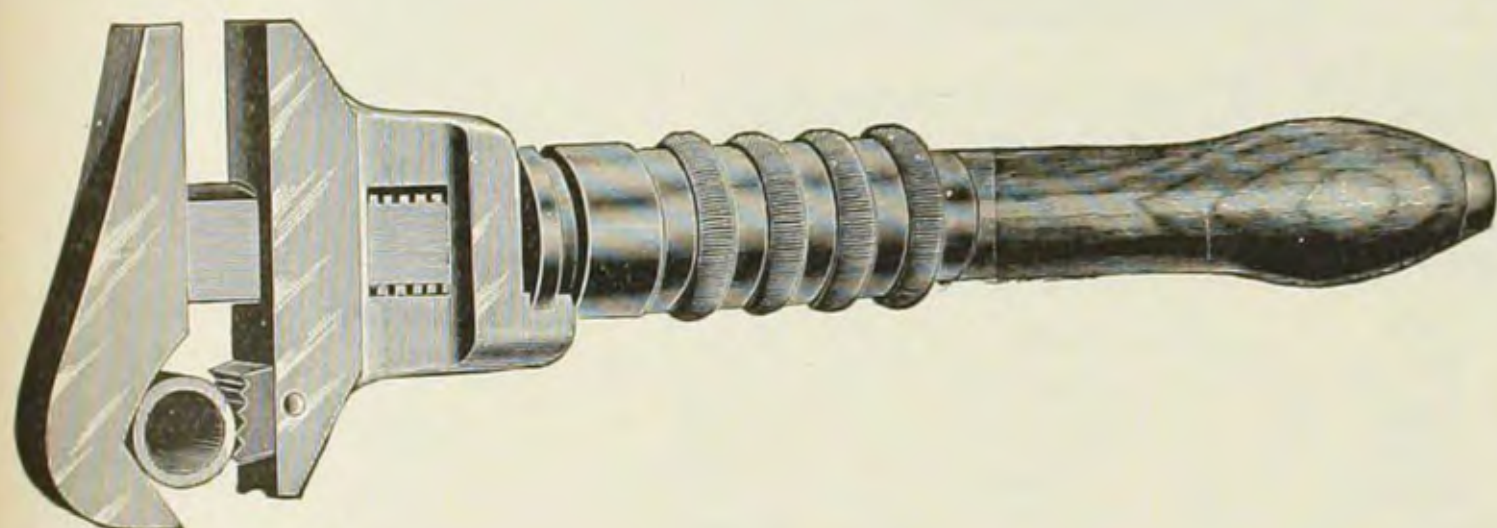
NO. 3 BRIGHT, WITH LONG NUT

Size, inches,	10	12	15	18
For Pipe, inches,	1/4 to 1	1/4 to 1 1/4	1/4 to 2	1/4 to 2 1/2
Per dozen,	\$28.50	35.00	40.00	52.50

BRIGHT, WITH SHORT NUT

Size, inches,	10	12	15	18	21
For Pipe,					
inches,	1/4 to 1	1/4 to 1 1/4	1/4 to 2	1/4 to 2 1/2	1/4 to 3
Per doz.,	\$27.00	33.00	37.50	48.00	66.00

21 inches has an iron handle.



COMBINATION

NO. 45 BRIGHT, WITH LONG NUT

Size, inches,	10	12	15	18
Per dozen,	\$25.25	28.50	40.50	72.00

NO. 43 BRIGHT, WITH SHORT NUT

Size, inches,	10	12	15	18
Per dozen,	\$23.00	26.00	37.00	66.00



ADJUSTABLE S

NO. 48

Size, inches,	8	10	12	14
Opens, inches,	1	1 3/8	1 5/8	2
Per dozen,	\$9.00	12.00	15.00	21.00



ADJUSTABLE S PIPE

NO. 50

Size, inches,	8	10
Nut or Pipe, inches,	1/8 to 3/4	1/8 to 1
Per dozen,	\$15.00	18.00

ALWAYS-READY
WRENCHES

NICKEL-PLATED

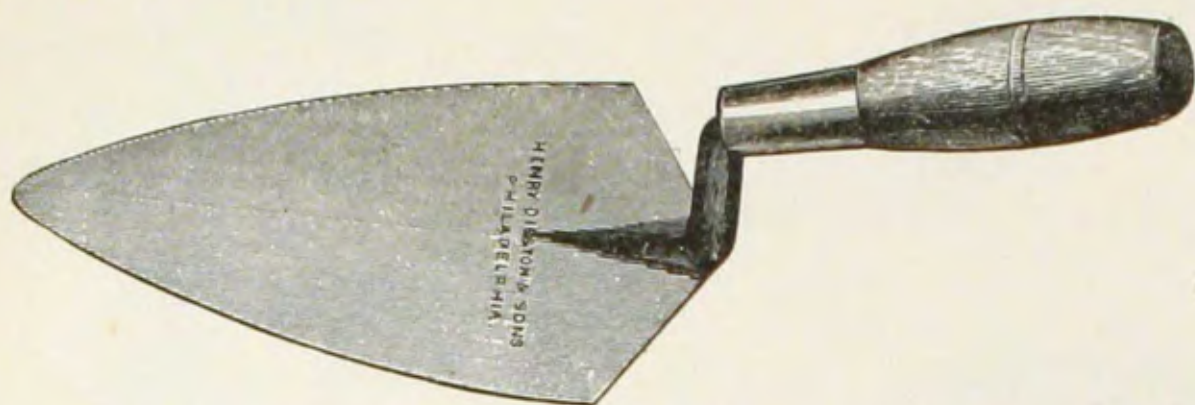
No.	Takes Nut or Pipe	1/4 to 3/4 inches	Per dozen.
1	"	"	\$5.00
2	"	"	6.75
2 1/2	"	"	10.50
3	"	"	16.00



All above, half dozen in a box.



TROWELS CAST STEEL BRICK



Philadelphia Pattern

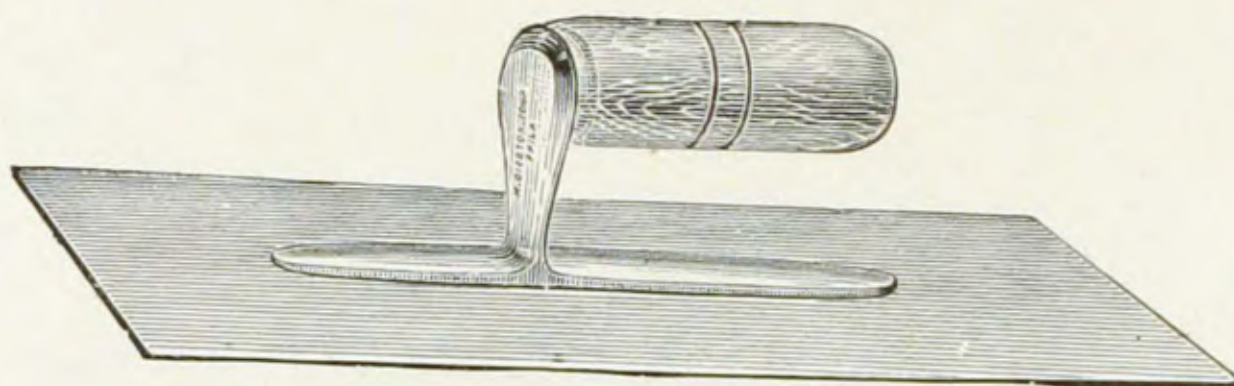


London Pattern

Size, inches,		8	8½	9	9½	10	10½	11	11½	12	12½	13	14
M. C. Ogden's Philadelphia Pattern, per doz.,		\$6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25		9.00	
" " London " " "		6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25		9.00	
Disston's Philadelphia " " "		9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.25	15.00	16.50
" " London " " "		8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.75	13.50	15.00
Rose's Philadelphia " " "		11.25	11.75	12.25	12.75	13.25	13.75	14.25	14.75	15.25	15.75	16.25	17.25
Brades' Single Ferrule, London " " "				10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	15.00
" Double " " "						12.00	12.50	13.00	13.50	14.00	14.50	15.00	

Half dozen in a box.

CAST STEEL PLASTERING

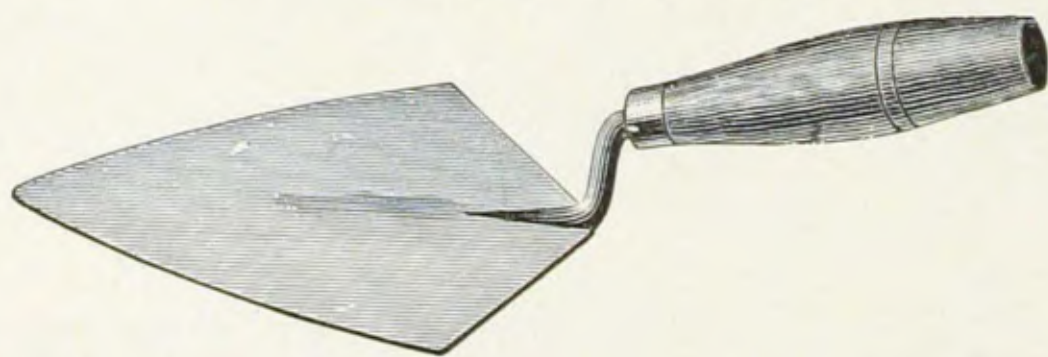


Size, inches,
M. C. Ogden's, per dozen,
Disston's No. 1, " "
" No. 2, " "
Rose's, " "

10	10½	11	11½	12
\$6.50	7.00	7.50	8.00	9.00
13.75	13.75	15.25	16.75	18.50
12.25	12.25	13.50	14.50	15.75
13.50	14.00	15.00	16.00	17.00

Half dozen in a box.

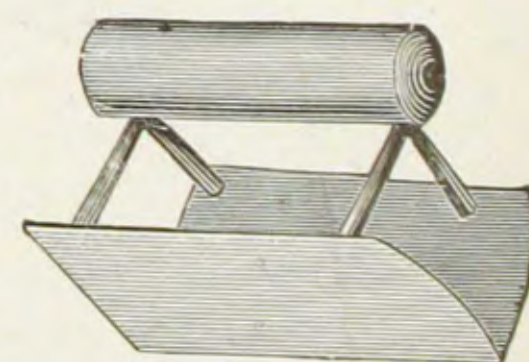
CAST STEEL POINTING



Size, inches,
M. C. Ogden's, per doz., \$2.85 3 4 4½ 5 5½ 6
Disston's, " " 4.25 4.50 4.75 5.00 5.25

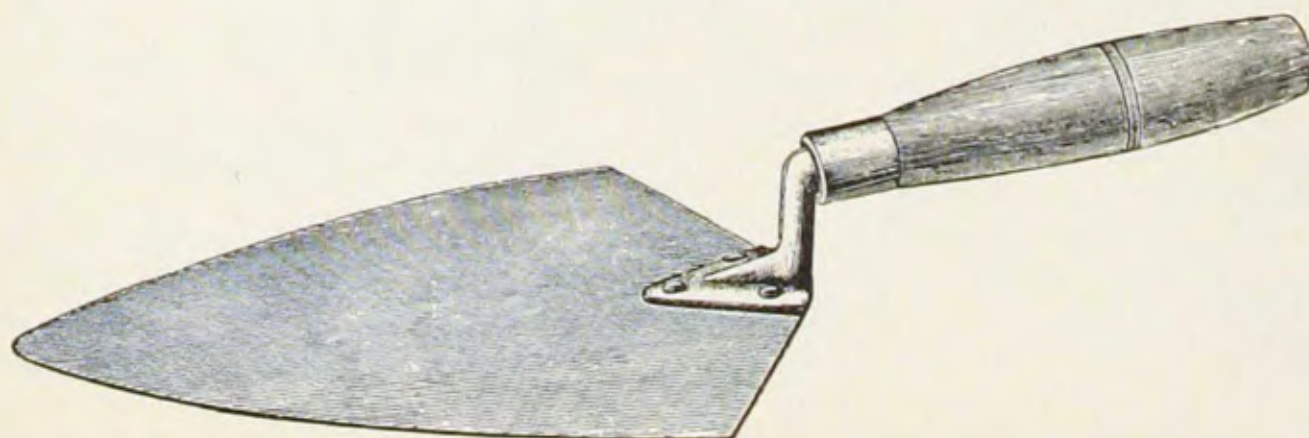
Half dozen in a box.

CORNER



Size, inches,
M. C. Ogden's, per dozen, \$6.50 5 6 7
Half dozen in a box.

HANDY BRICK AND POINTING TROWELS



BRICK, PHILADELPHIA PATTERN

Size, inches, 8 9½
Per dozen, \$2.00 2.00

POINTING

5½ inches, per dozen, \$1.00
One dozen in a box.



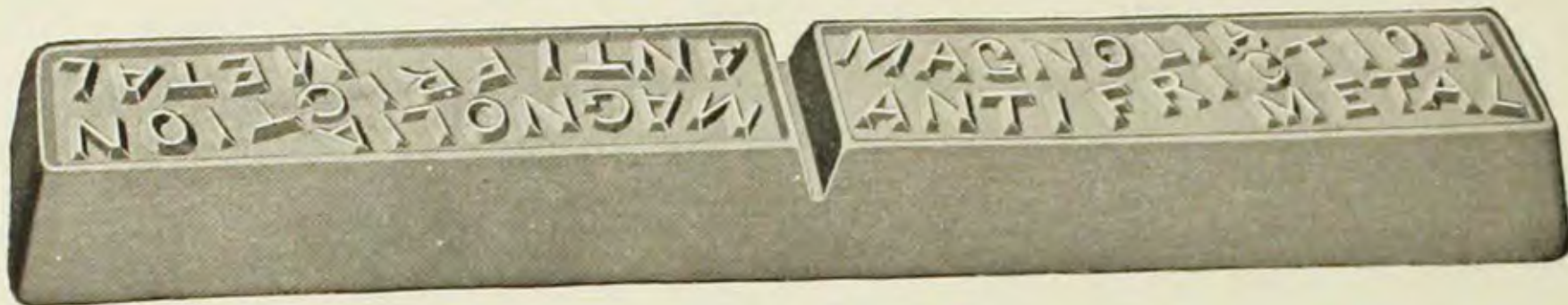


MAGNOLIA ANTI-FRICTION METAL

IN USE BY

EIGHT LEADING GOVERNMENTS

SPECIALLY ADAPTED FOR HIGH SPEED ENGINE, DYNAMO, AND ALL
MACHINERY BEARINGS



Magnolia, per pound, \$0.25
56 pounds in a case.

BABBITT METALS



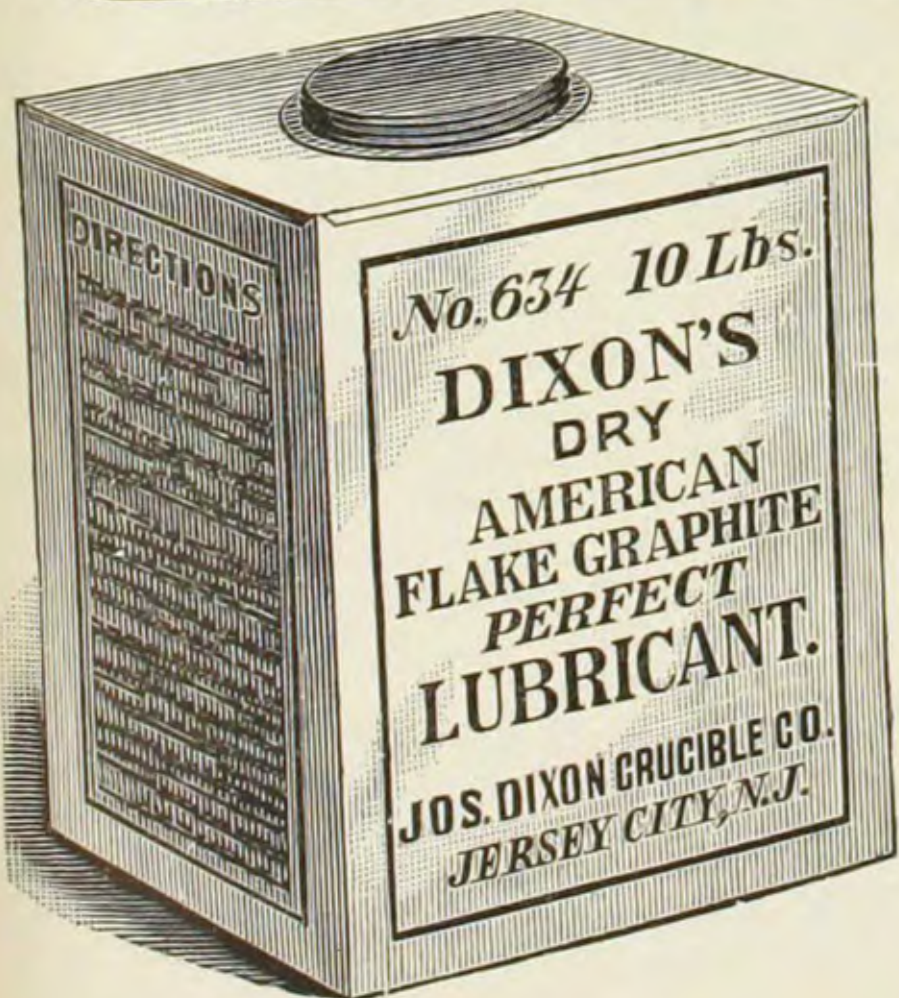
Semper-Idem,	per pound, \$0.36
XX Anti-Friction,	" " .28
X " "	" " .20
No. 1, Anti-Friction,	" " .14
Excelsior,	" " .12
No. 4,	" " .10

About 100 pounds in a case.



DIXON'S

PERFECT LUBRICATING GRAPHITE



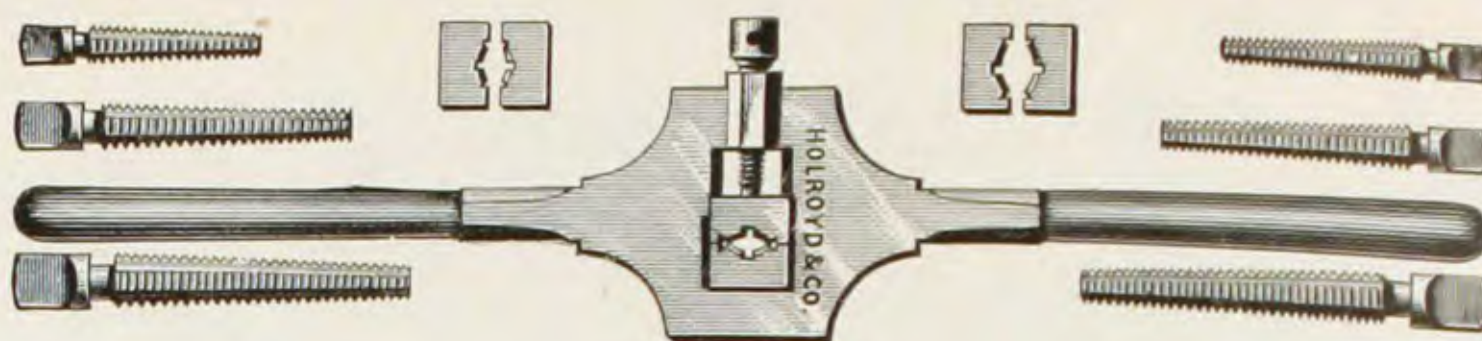
No. 630	1/4 pound paper cans,	per can, \$0.20
No. 631	1/2 " " "	" " .30
No. 632	1 " " "	" " .40
No. 633	5 " tin " screw top,	" " 1.70
No. 634	10 " " " " "	" " 3.20
No. 644	25 " boxes,	" pound, .28
No. 645	50 " " "	" " .26
No. 646	100 " kegs,	" " .24
No. 647	350 " barrels,	" " .20

BORAX

Refined, per pound, \$



BLACKSMITHS' STOCKS AND DIES



No.	Cuts, inches.	Each.	No.	Cuts, inches.	Each.
7	$1\frac{1}{4}$ to $\frac{5}{8}$ Rt. Hd., 8 and 10 threads to inch $1\frac{1}{4}$ to $\frac{7}{8}$ Lt. Hd., 8 threads to inch 6 Taps and 3 pairs of Dies	\$12.00	27D	$\frac{3}{4}$ to $\frac{3}{16}$ Rt. Hd., 10, 11, 12, 14, 16, 18, and 20, threads to inch 7 Taps and 7 pairs of Dies	\$9.50
9	$1\frac{1}{4}$ to $\frac{1}{2}$ Rt. Hd., 8, 10, and 12 thds. to in. 6 Taps and 3 pairs of Dies	12.00	45	$\frac{5}{8}$ to $\frac{5}{16}$ Rt. Hd., 12 and 16 threads to inch $\frac{5}{8}$ to $\frac{7}{8}$ Lt. Hd., 12 threads to inch 6 Taps and 3 pairs of Dies	5.50
17	1 to $\frac{1}{2}$ Rt. Hd., 9 and 12 threads to inch 1 to $\frac{3}{4}$ Lt. Hd., 9 threads to inch 6 Taps and 3 pairs of Dies	9.00	47	$\frac{5}{8}$ to $\frac{1}{4}$ Rt. Hd., 12, 14, and 18 thds. to in. 6 Taps and 3 pairs of Dies	5.50
19	1 to $\frac{3}{8}$ Rt. Hd., 9, 12, and 14 thds. to in. 6 Taps and 3 pairs of Dies	9.00	47A	$\frac{5}{8}$ to $\frac{3}{8}$ Rt. Hd., 10, 11, and 12 thds. to in. 3 Taps and 3 pairs of Dies	5.00
19A	1 to $\frac{3}{8}$ Rt. Hd., 8, 10, and 12 thds. to in. 6 Taps and 3 pairs of Dies	9.00	47B	$\frac{5}{8}$ to $\frac{1}{4}$ Rt. Hd., 10, 11, 12, and 14 threads to inch 4 Taps and 4 pairs of Dies	5.50
25	$\frac{3}{4}$ to $\frac{3}{8}$ Rt. Hd., 10 and 16 threads to inch $\frac{3}{4}$ to $\frac{1}{2}$ Lt. Hd., 10 threads to inch 6 Taps and 3 pairs of Dies	6.50	49	$\frac{1}{2}$ to $\frac{1}{4}$ Rt. Hd., 14 and 18 threads to inch $\frac{1}{2}$ to $\frac{5}{16}$ Lt. Hd., 14 threads to inch 6 Taps and 3 pairs of Dies	4.50
27	$\frac{3}{4}$ to $\frac{3}{8}$ Rt. Hd., 10, 12, and 16 thds. to in. 6 Taps and 3 pairs of Dies	6.50	51	$\frac{1}{2}$ to $\frac{3}{16}$ Rt. Hd., 14, 18, and 22 thds. to in. 6 Taps and 3 pairs of Dies	4.50
27A	$\frac{3}{4}$ to $\frac{3}{8}$ Rt. Hd., 10, 11, and 12 thds. to in. 6 Taps and 3 pairs of Dies	6.50	51A	$\frac{1}{2}$ to $\frac{1}{4}$ Rt. Hd., 12, 14, and 16 thds. to in. 3 Taps and 3 pairs of Dies	4.00
27B	$\frac{3}{4}$ to $\frac{5}{16}$ Rt. Hd., 10, 11, 12, 14, and 16 threads to inch 5 Taps and 5 pairs of Dies	7.50	51B	$\frac{1}{2}$ to $\frac{3}{16}$ Rt. Hd., 12, 14, 16, and 18 threads to inch 4 Taps and 4 pairs of Dies	4.50
27C	$\frac{3}{4}$ to $\frac{1}{4}$ Rt. Hd., 10, 11, 12, 14, 16, and 18 threads to inch 6 Taps and 6 pairs of Dies	8.50	60	$\frac{3}{4}$ to $\frac{1}{8}$ Rt. Hd., 10, 12, 14, and 18 threads to inch 6 Taps and 4 pairs of Dies	6.50



No.	Cuts, inches.	Each.	No.	Cuts, inches.	Each.
6	$1\frac{1}{2}$ to 1 Rt. Hd., 8 threads to inch $1\frac{1}{2}$ to 1 Lt. Hd., 8 threads to inch 4 Taps and 2 sets of Dies	\$20.00	34A	$\frac{3}{4}$ to $\frac{5}{16}$ Rt. Hd., 10, 12, and 14 thds. to in. 3 Taps and 3 sets of Dies	\$4.50
11	$1\frac{1}{4}$ to $\frac{5}{8}$ Rt. Hd., 8 and 10 threads to inch $1\frac{1}{4}$ to $\frac{7}{8}$ Lt. Hd., 8 threads to inch 4 Taps and 3 sets of Dies	10.00	34B	$\frac{3}{4}$ to $\frac{5}{16}$ Rt. Hd., 12, 14, and 16 thds. to in. 3 Taps and 3 sets of Dies	4.50
15	$1\frac{1}{4}$ to $\frac{1}{2}$ Rt. Hd., 8, 10, and 12 thds. to in. 5 Taps and 3 sets of Dies	10.00	34C	$\frac{3}{4}$ to $\frac{3}{8}$ Rt. Hd., 10, 11, and 12 thds. to in. 3 Taps and 3 sets of Dies	4.50
21	1 to $\frac{1}{2}$ Rt. Hd., 9 and 12 threads to inch 1 to $\frac{3}{4}$ Lt. Hd., 9 threads to inch 4 Taps and 3 sets of Dies	6.00	35	$\frac{3}{4}$ to $\frac{3}{8}$ Rt. Hd., 10 and 14 threads to inch 2 Taps and 2 sets of Dies	4.00
23	1 to $\frac{3}{8}$ Rt. Hd., 9, 10, and 14 thds. to in. 3 Taps and 3 sets of Dies	5.00	37	$\frac{5}{8}$ to $\frac{3}{16}$ Rt. Hd., 14, 18, and 22 thds. to in. 6 Taps and 3 sets of Dies	4.25
23A	1 to $\frac{3}{8}$ Rt. Hd., 8, 10, and 12 thds. to in. 3 Taps and 3 pairs of Dies	5.00	37A	$\frac{5}{8}$ to $\frac{3}{16}$ Rt. Hd., 12, 14, and 16 thds. to in. 6 Taps and 3 sets of Dies	4.25
23B	1 to $\frac{1}{2}$ Rt. Hd., 8, 10, and 11 thds. to in. 3 Taps and 3 pairs of Dies	5.00	37B	$\frac{5}{8}$ to $\frac{3}{16}$ Rt. Hd., 14, 16, and 18 thds. to in. 6 Taps and 3 sets of Dies	4.25
32	$\frac{3}{4}$ to $\frac{3}{8}$ Rt. Hd., 10 and 14 threads to inch $\frac{3}{4}$ to $\frac{3}{8}$ Lt. Hd., 10 and 14 threads to inch 4 Taps and 4 sets of Dies	5.00	37C	$\frac{5}{8}$ to $\frac{1}{4}$ Rt. Hd., 11, 12, and 16 thds. to in. 6 Taps and 3 sets of Dies	4.25
32A	$\frac{3}{4}$ to $\frac{5}{16}$ Rt. Hd., 10, 11, 12, and 14 threads to inch 4 Taps and 4 sets of Dies	5.00	38	$\frac{5}{8}$ to $\frac{5}{16}$ Rt. Hd., 12 and 18 threads to inch $\frac{5}{8}$ to $\frac{7}{8}$ Lt. Hd., 12 threads to inch 6 Taps and 3 sets of Dies	4.50
32B	$\frac{3}{4}$ to $\frac{1}{4}$ Rt. Hd., 10, 12, 14, and 16 threads to inch 4 Taps and 4 sets of Dies	5.00	41	$\frac{1}{2}$ to $\frac{1}{8}$ Rt. Hd., 16, 20, and 26 thds. to in. 6 Taps and 3 sets of Dies	3.25
33	$\frac{3}{4}$ to $\frac{1}{2}$ Rt. Hd., 10 threads to inch $\frac{3}{4}$ to $\frac{1}{2}$ Lt. Hd., 10 threads to inch 2 Taps and 2 sets of Dies	4.00	41A	$\frac{1}{2}$ to $\frac{1}{8}$ Rt. Hd., 14, 16, and 18 thds. to in. 6 Taps and 3 sets of Dies	3.25
34	$\frac{3}{4}$ to $\frac{5}{16}$ Rt. Hd., 10, 12, and 16 thds. to in. 3 Taps and 3 sets of Dies	4.50	41B	$\frac{1}{2}$ to $\frac{1}{8}$ Rt. Hd., 16, 18, and 20 thds. to in. 6 Taps and 3 sets of Dies	3.25
			41C	$\frac{1}{2}$ to $\frac{3}{16}$ Rt. Hd., 12, 14, and 16 thds. to in. 6 Taps and 3 sets of Dies	3.25
			41D	$\frac{1}{2}$ to $\frac{3}{16}$ Rt. Hd., 12, 16, and 20 thds. to in. 6 Taps and 3 sets of Dies	3.25



BLACKSMITHS' STOCKS AND DIES

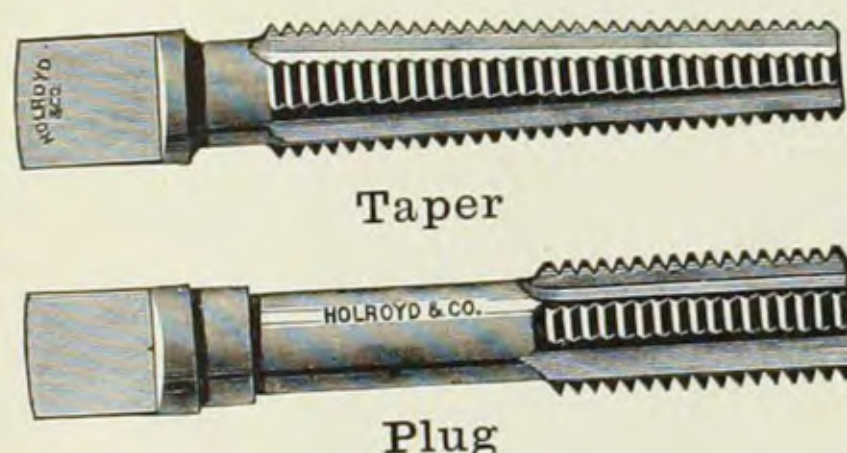
CONTINUED



No.	Cuts, inches.	Each.	No.	Bicycle Repairer Screw Plate	Each.
42	$\frac{1}{2}$ to $\frac{3}{8}$ Rt. Hd., 14 and 20 threads to inch $\frac{1}{2}$ to $\frac{5}{8}$ Lt. Hd., 14 threads to inch 6 Taps and 3 sets of Dies	\$3.50	41J	Cuts $\frac{1}{2}$ to $\frac{3}{8}$ in. Right Hand 5 Taps and 3 sets of Dies, all 20 threads	\$3.50
53	$\frac{5}{16}$ to $\frac{1}{8}$ Rt. Hd., 16, 20, 24, and 32 threads to in. 4 Taps and 4 sets of Dies	2.75	41K	Same as J, except all 22 threads	3.50
53A	$\frac{5}{16}$ to $\frac{1}{8}$ Rt. Hd., 18, 20, 24, and 32 threads to in. 4 Taps and 4 sets of Dies	2.75	41L	" " J, " " 24 "	3.50
55	$\frac{5}{16}$ to $\frac{1}{8}$ Rt. Hd., 18, 24, and 32 threads to in. 4 Taps and 3 sets of Dies	2.50	41M	" " J, " " 26 "	3.50
			41N	" " J, " " 28 "	3.50
			41O	" " J, " " 30 "	3.50
			41P	" " J, " " 32 "	3.50
			42J	Cuts $\frac{1}{2}$ to $\frac{3}{8}$ in. Right and Left Hand 4 Taps and 2 sets of Dies, all 20 threads	3.25
			42L	Cuts $\frac{1}{2}$ to $\frac{3}{8}$ in. Right and Left Hand 4 Taps and 2 sets of Dies, all 24 threads	3.25

BLACKSMITHS' TAPER AND PLUG TAPS

FOR STOCKS AND DIES



Taper

Plug

NUMBER OF THREADS TO INCH
RIGHT OR LEFT HAND

Diameter, inches.	Each.
$\frac{1}{8}$ 30 and 32,	\$0.30
$\frac{3}{16}$ 24, 26, 28, 30, and 32,	.30
$\frac{1}{4}$ 16, 18, 20, 22, 24, 26, 28, 30, and 32,	.30
$\frac{5}{16}$ 14, 16, 18, 20, 22, 24, 26, 28, 30, and 32,	.30
$\frac{3}{8}$ 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, and 32,	.35
$\frac{7}{16}$ 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, and 32,	.40
$\frac{1}{2}$ 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, and 32,	.40
$\frac{9}{16}$ 10, 12, 14, 20, and 24,	.50
$\frac{5}{8}$ 10, 11, 12, 14, 16, 20, and 24,	.50
$\frac{3}{4}$ 7, 8, 9, 10, 12, 20, and 24,	.65
$\frac{7}{8}$ 8, 9, 10, 20, and 24,	.90
1 7, 8, 9, 10, 20, and 24,	1.25
$1\frac{1}{4}$ 6, 7, 8, and 9,	1.75
$1\frac{1}{2}$ 6, 7, and 8,	3.00

$\frac{1}{8}$ to $\frac{3}{4}$ inch, six in a box; $\frac{7}{8}$ inch, 4; others, 2.

EXTRA DIES

Furnished to order. In ordering, state List No. of Stock and Die they are for, and, if possible, send sample of old Dies.

PIPE TAPS AND REAMERS



Diameter, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1
Each,	\$1.12	1.25	1.50	1.87	2.50	3.12
Diameter, inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	
Each,	\$3.75	4.62	6.25	10.50	15.00	

MACHINE SCREW TAPS



FOR STANDARD SIZES OF MACHINE SCREWS

Nos.	2	3	4	5	6	7	8
Threads, } per inch, }	56	48	32	36	40	30	32
Per dozen,	\$4.00	4.00	4.00	4.00	4.00	4.00	4.00
Each,	.35	.35	.35	.35	.35	.35	.35
Nos.	9	10	12	14	16		
Threads, } per inch, }	24	30	32	20	24	20	24
Per dozen,	\$4.00	4.00	4.00	4.00	4.40	4.40	4.40
Each,	.35	.35	.35	.35	.38	.38	.38
Nos.	18	20	22	24	26	28	30
Threads, } per inch, }	16	18			14	16	
Per dozen,	\$4.40	5.30	5.30	5.30	6.30	6.30	6.30
Each,	.38	.45	.45	.45	.53	.53	.53

Less than three of one size will be charged as Single Taps.



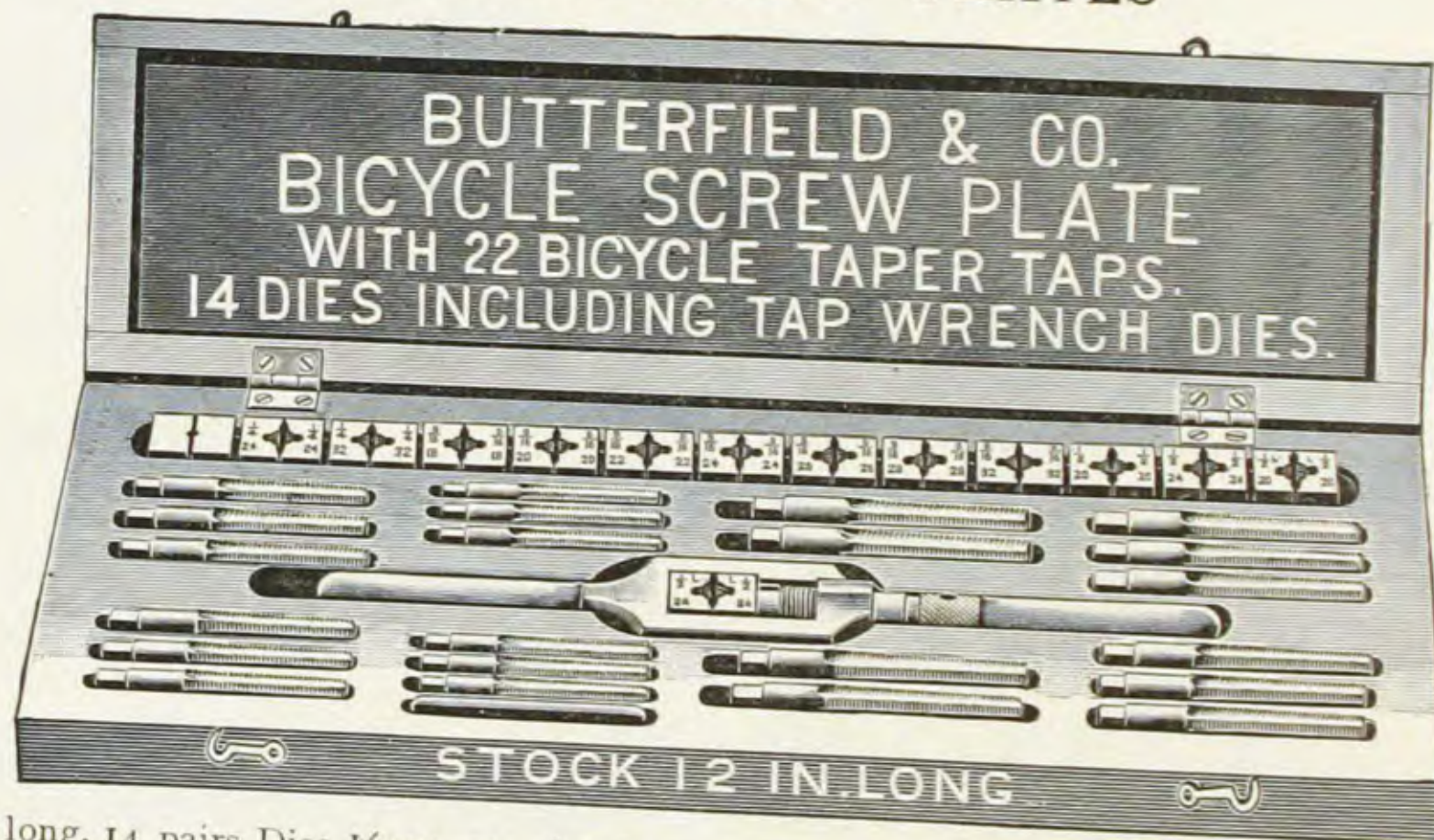
NEW REECE SCREW PLATES



The prices as shown include one or more Adjustable Tap Wrenches as the assortment requires.

Size AA, Stock 22 inches long, Cuts $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{8}$, and $\frac{1}{2}$ inch,		
" BB, " 26 " " " " $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, and 1 inch,		
" CC, " 26 " " " " $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, and $\frac{3}{4}$ inch,		per set, complete, \$12.00
" DD, " 26 " " " " $\frac{3}{8}$, $\frac{7}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, and 1 inch,		" " " 17.50
" EE, " 26 " " " " $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, and 1 inch,		" " " 16.00
" F, " 53 " " " " $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{7}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, and 1 inch,		" " " 22.00
" G, Two Stocks, one 22 inches long, Cuts $\frac{3}{8}$, $\frac{7}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, and 1 inch ;		" " " 25.00
and one Stock 40 inches long, Cuts $1\frac{1}{8}$ and $1\frac{1}{4}$ inch,		" " " 37.50
" HH, Stock 26 inches long, Cuts $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, and $\frac{3}{4}$ inch,		" " " 40.00
All Collets up to and including one inch are the same diameter ; therefore any Collet, Die, and Tap not included in sizes		" " " 13.50
AA, BB, CC, DD, EE, and HH may be added at any time. The diameter of Collets holding $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, and $1\frac{1}{2}$ inch Dies		is the same.

BICYCLE SCREW PLATES



No. 99	12 inches long, 14 pairs Dies $\frac{1}{4} \times 24$, 32 ; $\frac{5}{16} \times 18$, 20, 22, 24, 26, 28, 32 ; $\frac{1}{2} \times 20$, 24, Right Hand ; $\frac{1}{2} \times 20$, 24 Left Hand,	Per set, complete. \$20.00
	22 Bicycle Taper Taps $\frac{1}{4} \times 20$, 22, 24, 26, 28, 32 ; $\frac{5}{16} \times 20$, 22, 24, 26, 28, 32 ; $\frac{3}{8} \times 18$, 20, 22, 24, 26, 28 ;	
	$\frac{1}{2} \times 20$, 24, Right Hand ; $\frac{1}{2} \times 20$, 24, Left Hand, Including one pair of Tap Wrench Dies.	

Extra Dies for above plate, each, \$0.75.

It is the most convenient assortment ever put up, as it is practically a complete outfit for ordinary repairs. The Dies can be adjusted to cut $\frac{1}{16}$ inch larger or smaller than size marked on the Dies.



Taper



Plug



Bottoming

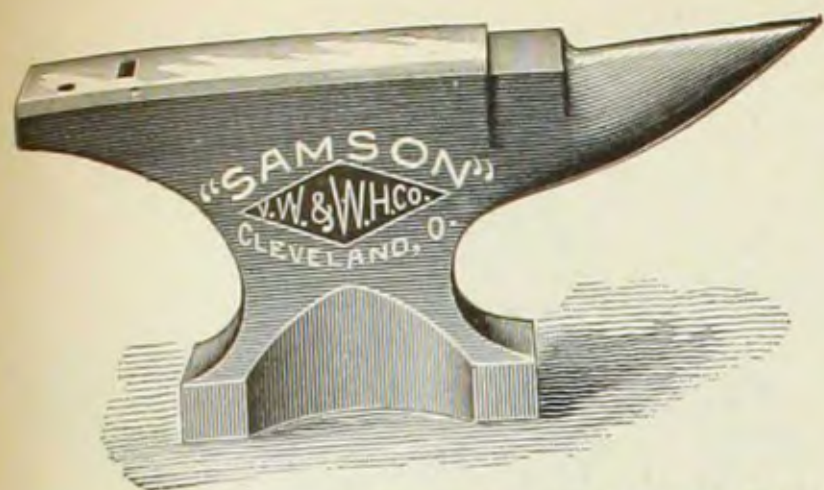
MACHINISTS' HAND TAPS

Diameter, inches	No. Threads to inch.	Each.	Per set.	Diameter, inches.	No. Threads to inch.	Each.	Per set.
$\frac{1}{4}$	16, 18, 20	\$0.45	\$1.35	$\frac{5}{8}$	10, 11, 12	\$0.90	\$2.70
$\frac{5}{16}$	16, 18	.50	1.50	$\frac{11}{16}$	11, 12	1.05	3.15
$\frac{3}{8}$	14, 16, 18	.55	1.65	$\frac{3}{4}$	10, 12	1.20	3.60
$\frac{7}{8}$	14, 16	.60	1.80	$\frac{13}{16}$	10	1.40	4.20
$\frac{1}{2}$	12, 13, 14	.70	2.10	$\frac{15}{16}$	9, 10	1.60	4.80
$\frac{1}{8}$	12, 14	.80	2.40	$\frac{1}{8}$	9	1.80	5.40
				$\frac{1}{16}$	8	2.00	6.00

A set consists of one each Taper, Plug, and Bottoming Tap.

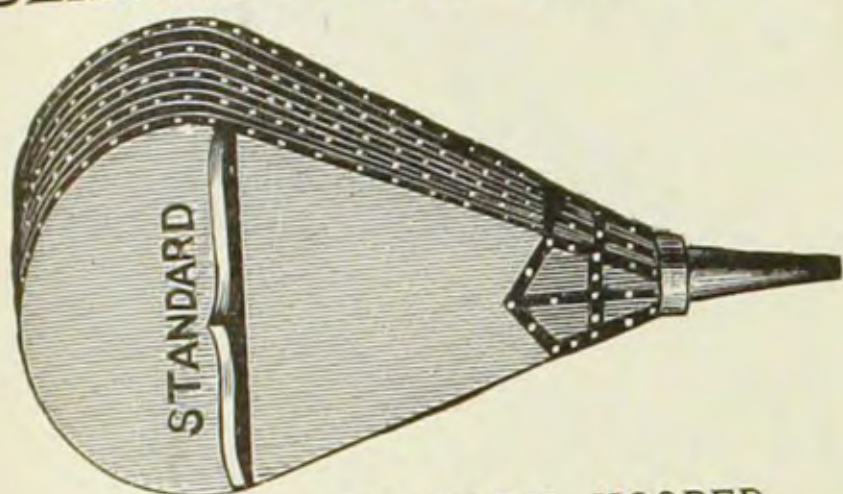


SAMSON ANVILS



10 pounds,	each, \$4.50	110 pounds,	each, \$16.50
20 "	" 5.00	120 "	" 18.00
30 "	" 5.50	130 "	" 19.50
40 "	" 6.25	140 "	" 21.00
50 "	" 7.50	150 "	" 22.50
60 "	" 9.00	160 "	" 24.00
70 "	" 10.50	175 "	" 26.25
80 "	" 12.00	200 "	" 30.00
90 "	" 13.50	225 "	" 33.75
100 "	" 15.00	250 "	" 37.50

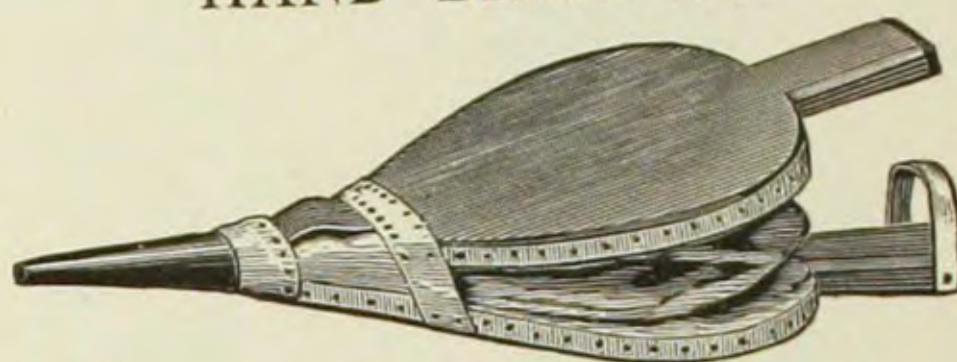
BLACKSMITHS' BELLOWS



REGULAR PATTERN, HOOPED

Size, inches,	18	20	22	24	26
Each,	\$10.00	10.00	10.00	10.00	11.00
Size, inches,	28	30	32	34	36
Each,	\$12.00	13.00	14.00	16.00	18.00
Size, inches,	38	40	42	44	46
Each,	\$20.00	23.00	27.00	32.00	

HAND BELLOWS



Size, inches,	6	7	8	9	10	12
Per dozen,	\$6.00	7.00	8.00	9.00	10.00	12.00

MOULDERS' BELLOWS

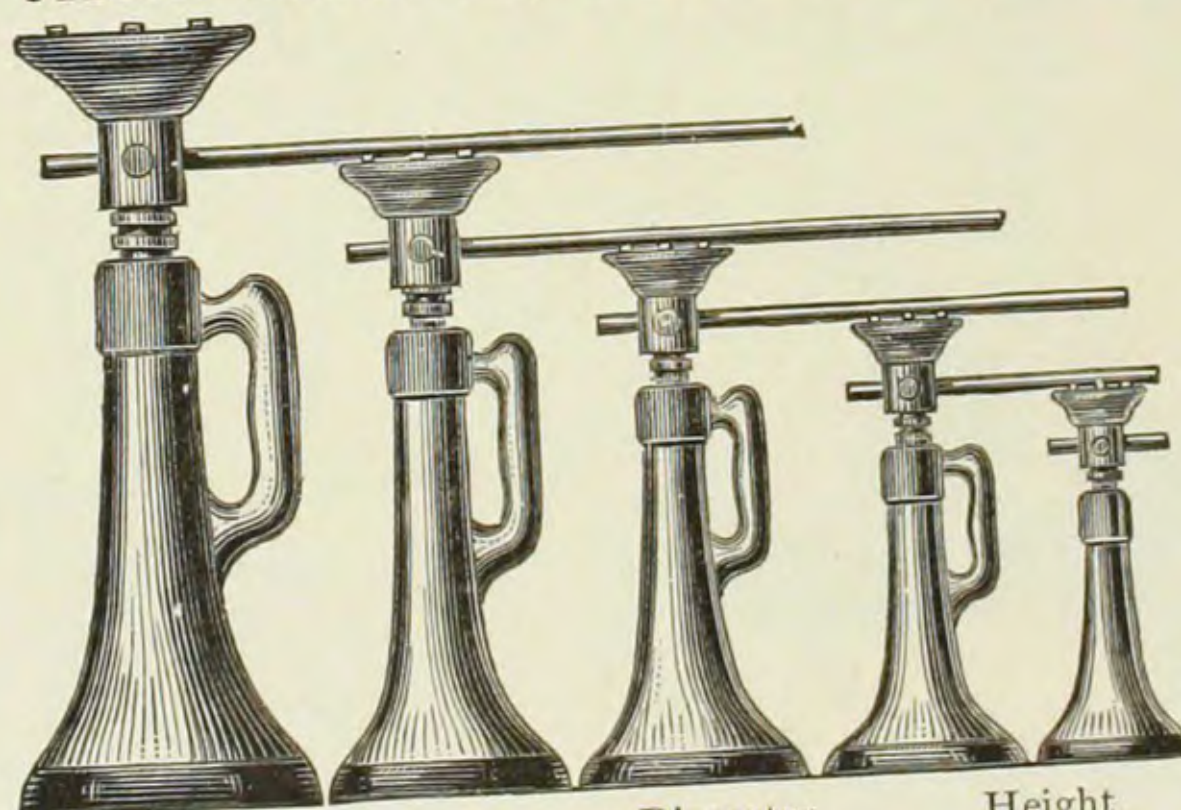
Size, inches,	9	10	11	12
Per dozen,	\$15.00	17.00	20.00	24.00
Size, inches,	13	14	16	18
Per dozen,	\$26.00	28.00	33.00	

STEEL CROWBARS



Weight, pounds,	8	10	12	14	16	18	20	22	24	26	28	30
Inches, Square,	7/8	1	1 1/8	1 1/8	1 3/8	1 1/4	1 5/8	1 3/8	1 3/8	1 7/8	1 1/2	1 1/2
" in Length,	48	54	56	58	63	65	67	68	70	72	72	74
Per pound,												

JACK SCREWS, BELL BOTTOMS

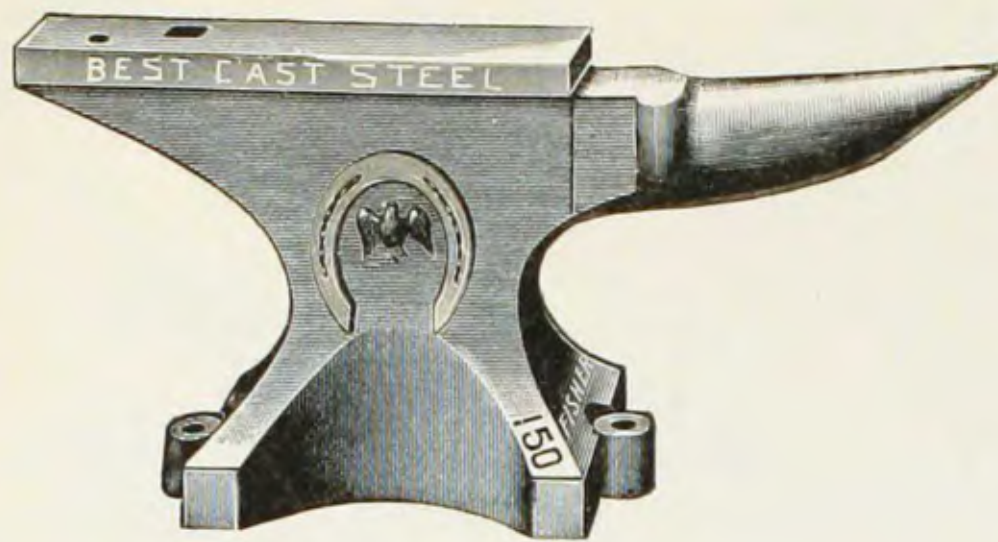


Diameter of Screw, inches.	Height of Barrel, inches.	Net Rise, inches.	Each.	Diameter of Screw, inches.	Height of Barrel, inches.	Net Rise, inches.	Each.
1 1/4	6	3 1/2	\$3.10	1 3/4	16	13	\$7.50
1 1/4	8	5 1/2	3.40	2	12	8	7.50
1 1/4	10	7 1/2	3.80	2	14	10	8.25
1 1/2	8	5 1/2	4.25	2	16	12	9.25
1 1/2	10	7 1/2	4.75	2	20	16	11.50
1 1/2	12	9 1/2	5.25	2 1/2	14	10 1/2	12.00
1 3/4	10	7	5.75	2 1/2	16	12 1/2	13.25
1 3/4	12	9	6.25	2 1/2	20	16 1/2	15.75
1 3/4	14	11	6.75	2 1/2	24	20 1/2	18.25

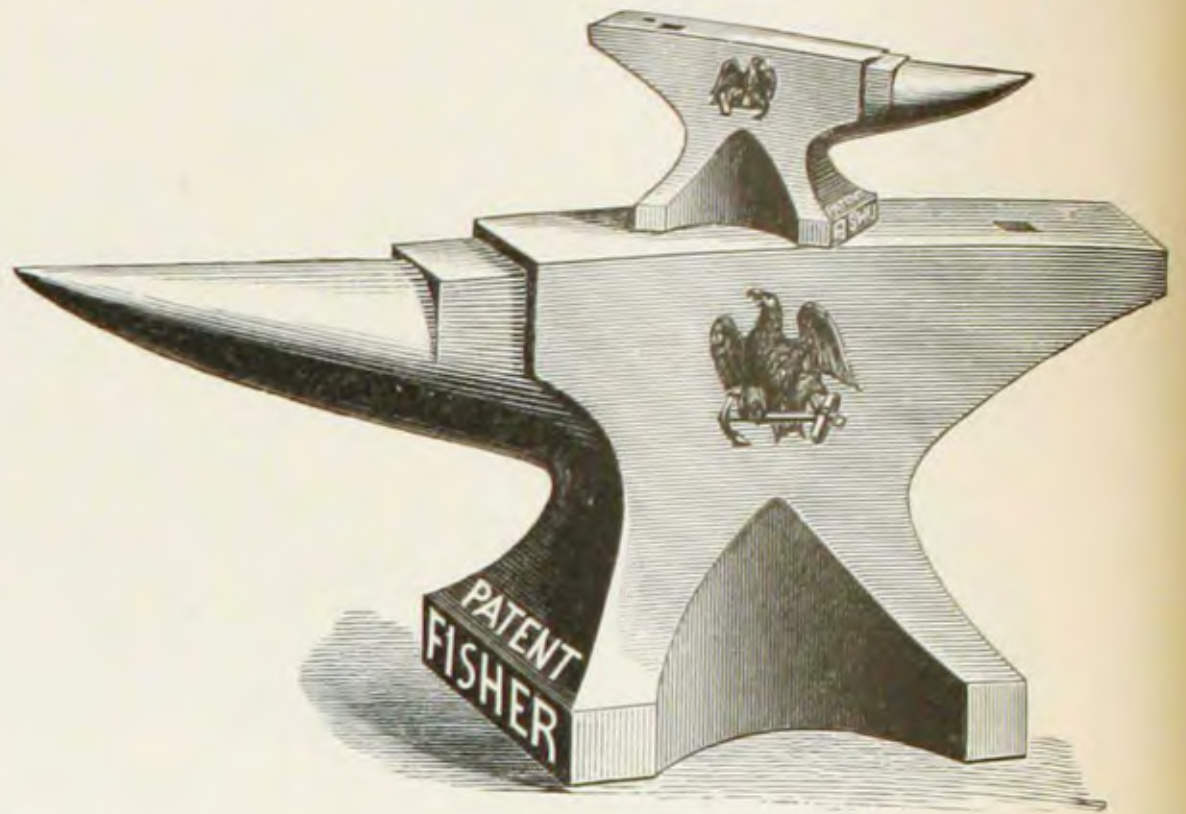
CAPACITY

Size of Screw, inches,
Tons,1 1/4
101 1/2
121 3/4
162
202 1/2
28

FISHER & NORRIS' EAGLE ANVILS



Horseshoers'



The EAGLE ANVIL body is made of gun-metal—crystallized iron—which neither settles nor breaks. The face is in one piece of BEST TOOL CAST STEEL, welded on so perfectly by the process of its original and only inventor, the late Mr. MARK FISHER, that it is warranted never to come off. It is planed to a true surface, tempered with uniform hardness, and it always remains so. The steel horn is tough and unhardened, and will not break or bend. The complaint of deafness, so often occasioned by the "ringing" of the Anvil, is avoided by using the EAGLE ANVIL, which is warranted NOT TO RING.

N. B.—All EAGLE Anvils are now made with the latest Fisher Patent DOUBLE-THICK STEEL on both edges of the face, whole length.

SMALL ANVILS (MINIMS)

No.	Weight, pounds.	FACE. Length, inches.	Width, inches.	CUTTER-HOLE. Square inches.	HORN. Length, inches.	Each.
1	8	5 3/4	1 3/4	3/8	3 1/2	\$3.50
2	20	6 1/4	2 1/4	1/2	4	4.00
3	30	7 1/4	2 1/4	1/2	4	4.30
4	40	8 3/4	3	5/8	5 1/4	4.50
5	50	9 1/4	3	5/8	6 1/2	5.00
6	60	10	3	5/8	6 1/2	5.50
7	70	10 1/2	3 1/4	5/8	6 1/2	6.00
8	80	10 1/2	3 1/4	5/8	7 1/2	7.00
9	90	11	3 1/4	5/8	7 1/2	8.00

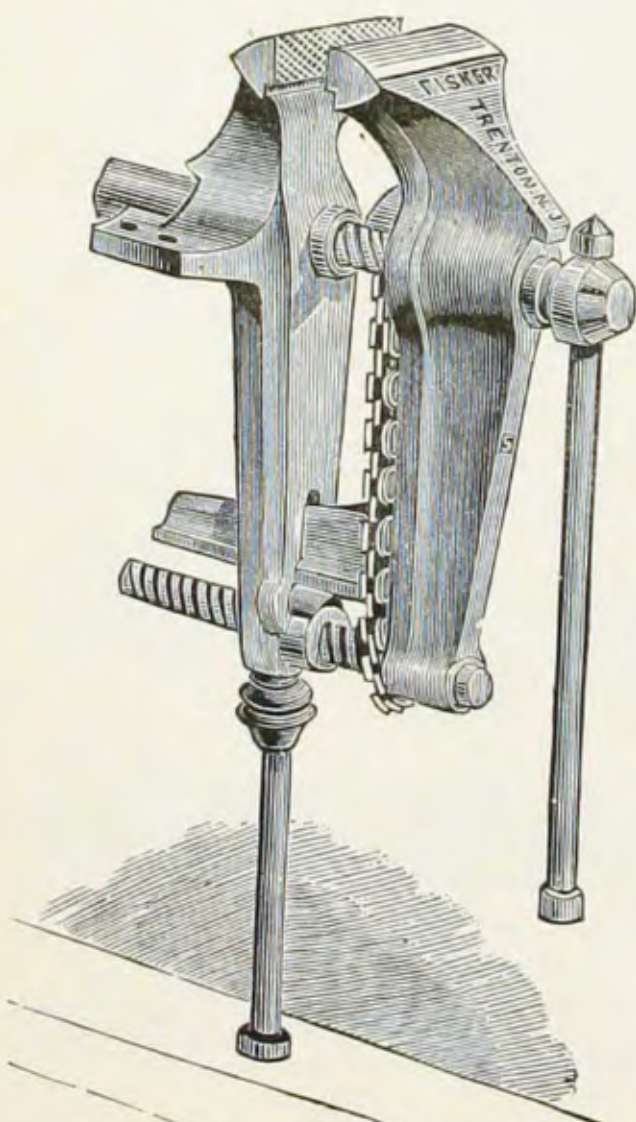
BLACKSMITHS'

No.	Weight, pounds.	FACE. Length, inches.	Width, inches.	CUTTER-HOLE. Square inches.	HORN. Length, inches.	Each.	Per pound.
1	100	12	3 1/2	3/4	8 1/2		
2	110	12 3/4	3 1/2	3/4	8 1/2		
3	120	12 3/4	3 1/2	3/4	8 1/2		
4	130	13 1/2	3 3/4	3/4	8 1/2		
5	140	14	4	7/8	8 1/2		
6	150	15	4 1/4	7/8	10		
7	160	15	4 1/4	1	10		
8	170	15 1/2	4 1/4	1	10		
9	180	16 1/2	4 3/4	1 1/8	11 1/2		
10	200	16 1/2	4 3/4	1 1/8	11 1/2		
11	225	17 1/4	5 1/4	1 1/4	11 1/2		
12	250	17 3/4	5 1/4	1 1/4	11 1/2		
13	275	19	5 1/4	1 1/4	11 1/2		
14	300	19	5 1/4	1 1/4	11 1/2		

HORSESHOERS'

150	14 1/2	4	7/8	10
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With Side Clip 1 1/4 in. long.



FISHER & NORRIS' DOUBLE SCREW PARALLEL LEG VISES

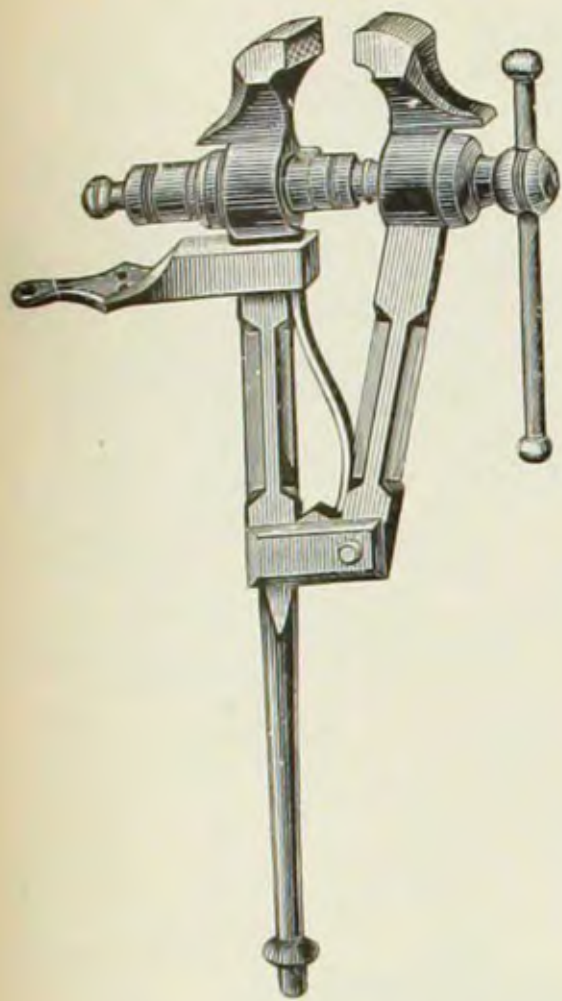
No.	Weight about	Jaw	Screws	Lever	Each.
*2	65 lbs.	4 1/2 x 1 in.	1 1/8 in.	13 in., opens 5 1/2 in.	\$10.50
3	90 "	5 1/2 x 1 1/8 "	1 1/4 "	16 "	16.00
4	120 "	6 x 1 1/4 "	1 1/2 "	19 "	20.50
5	150 "	7 x 1 1/2 "	1 3/4 "	24 "	27.00
6	160 "	8 x 1 1/2 "	1 3/4 "	26 "	30.00

* NOTE.—No. 2 Leg unnecessary, therefore omitted.

The Jaws are of best Tool Cast Steel, welded on, file cut and properly hardened. The Screws are forged of the best Refined Iron, and work in solid cut thread boxes. The lower screw maintains the parallel position of the two jaws, by having exact motion with the upper working screw, through the connecting chain which regulates it. The chain is very accurately made of steeled links and rivets, and, having no strain of the work upon it, is therefore as durable as all the other parts.



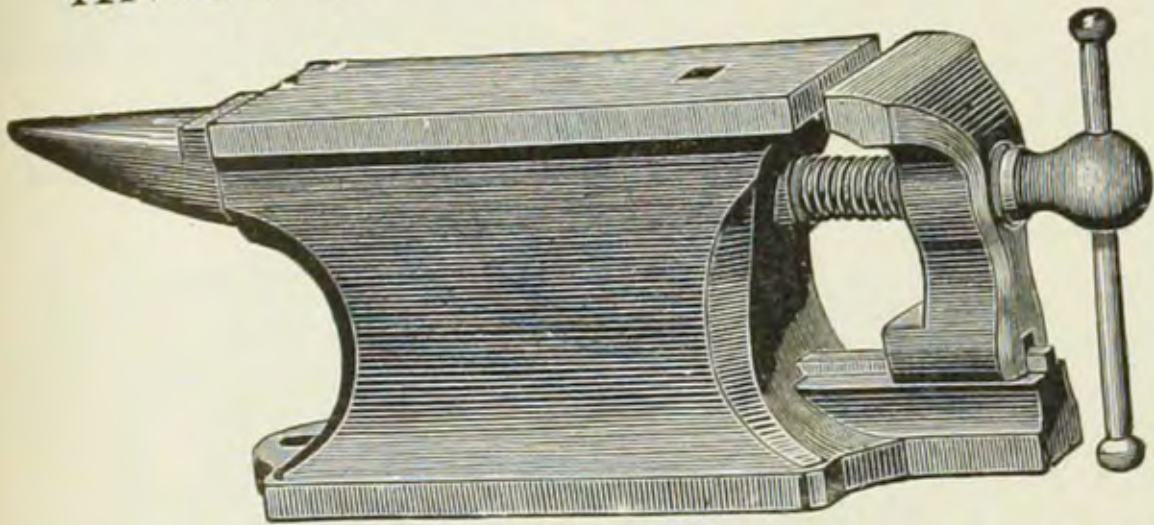
SOLID BOX VISES



No. 25	Length of Jaw, 3 3/8 inch,	each, \$12.00
No. 30	" " " 3 1/2 "	" 11.00
No. 35	" " " 3 3/4 "	" 10.00
No. 40	" " " 4 "	" 10.50
No. 45	" " " 4 1/4 "	" 11.00
No. 50	" " " 4 1/2 "	" 11.50
No. 55	" " " 4 3/4 "	" 12.00
No. 60	" " " 5 "	" 13.00
No. 65	" " " 5 1/4 "	" 14.00
No. 70	" " " 5 1/2 "	" 15.00
No. 75	" " " 5 3/4 "	" 16.00
No. 80	" " " 6 "	" 17.50
No. 85		" 18.50
No. 90		" 20.00
No. 95		" 21.00
No. 100		" 22.00

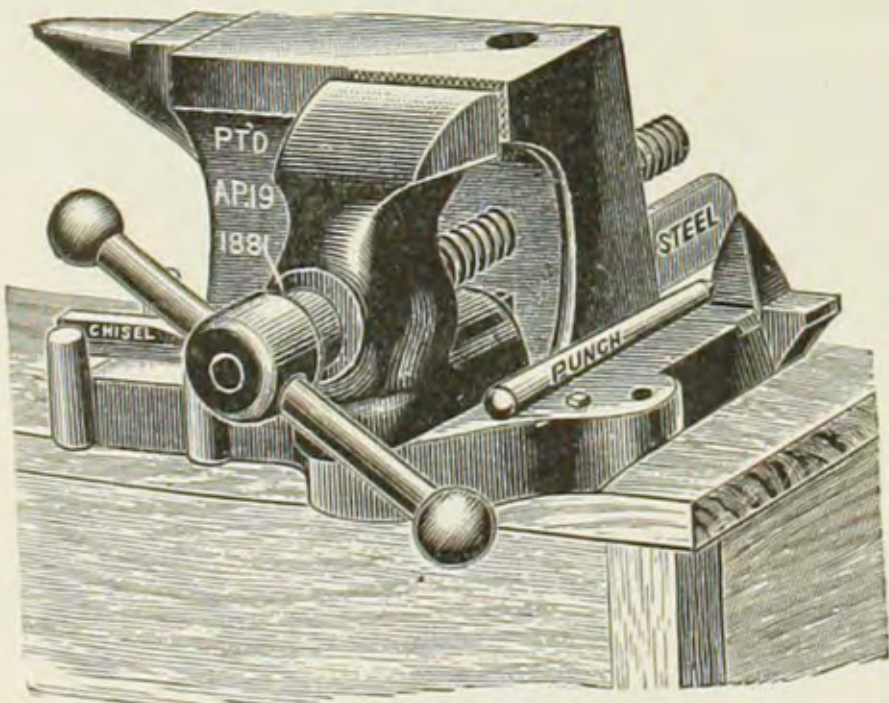
Larger sizes furnished if required.

ANVIL AND VISE COMBINED



The face of the Anvil is chilled, rendering it of sufficient strength and hardness to withstand all ordinary usage; Wrought Iron Screw, with Brass Wire Spring to throw the Jaw out.

No.	Face, inches.	Jaw Vise, inches.	Weight, lbs.	Each.
1	10 1/2 x 4	4	40	\$5.25
2	8 x 3 1/4	3 1/4	25	4.25
3	6 x 2 3/4	2 3/4	14	3.50



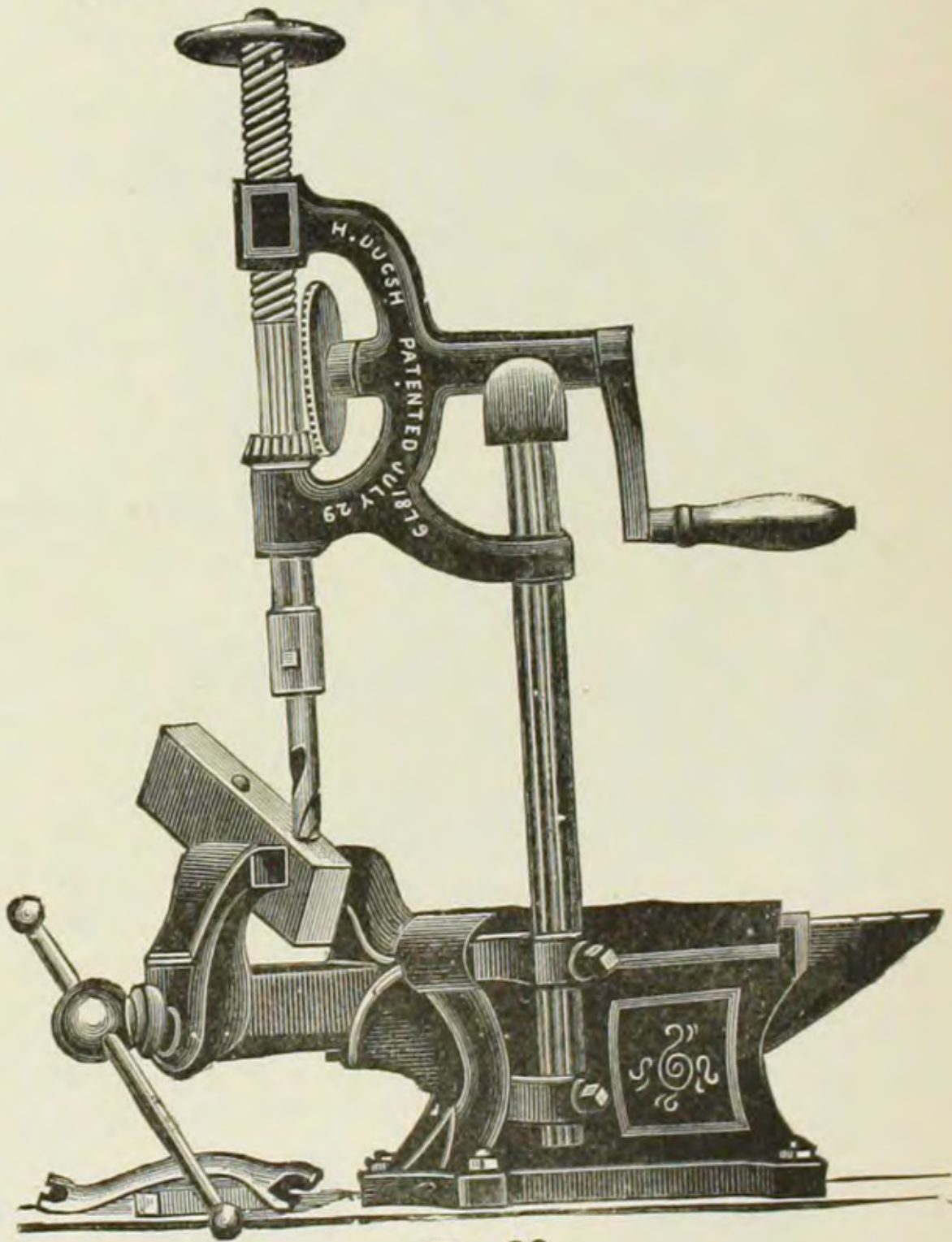
Chilled Anvil, 4 x 2 1/2 inch Face; Vise with 2 inch Jaw; Wrought Iron Screw to Vise. A Cold Chisel and Punch are sent with each Vise, and also two Coach Screws to fasten it to the bench. Weight, 16 pounds.

No. 16

each, \$3.00

Two in a box.

ANVIL, VISE, AND DRILL



No. 80

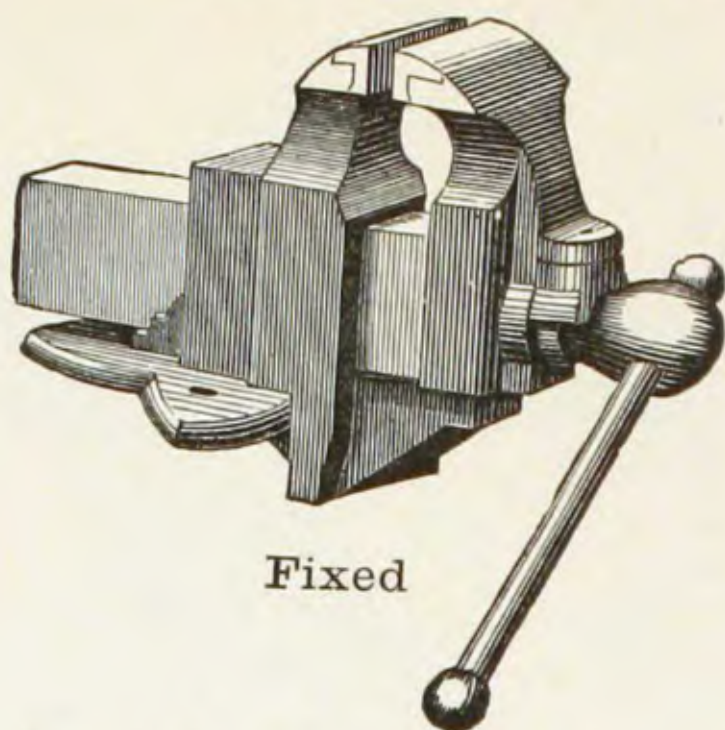
The Anvil has a Steel Face 4 x 8 inches; Vise Jaws, 3 1/2 inches wide, and Steel Faced.

The Steel Drill Press has an Adjustable Chuck holding Drills up to 1/4 inch. With Chuck removed the Spindle will hold Drills with 1/2 inch Shanks.

	Each.
Anvil, Vise and Drill, weight, 80 lbs.,	\$18.00
" and Vise, " 60 lbs.,	10.00
Drill Press, " 20 lbs.,	8.00
Offset Vise and Drill, " 61 lbs.,	15.00
" " only, " 41 lbs.,	7.00

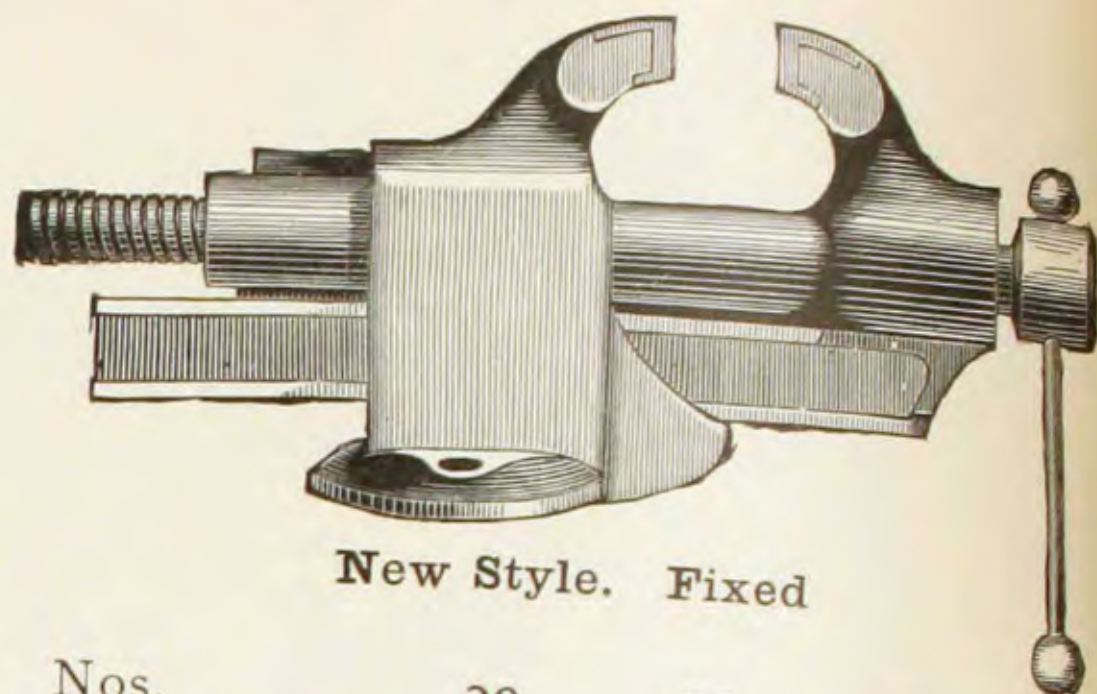


HOWARD PARALLEL BENCH VISES



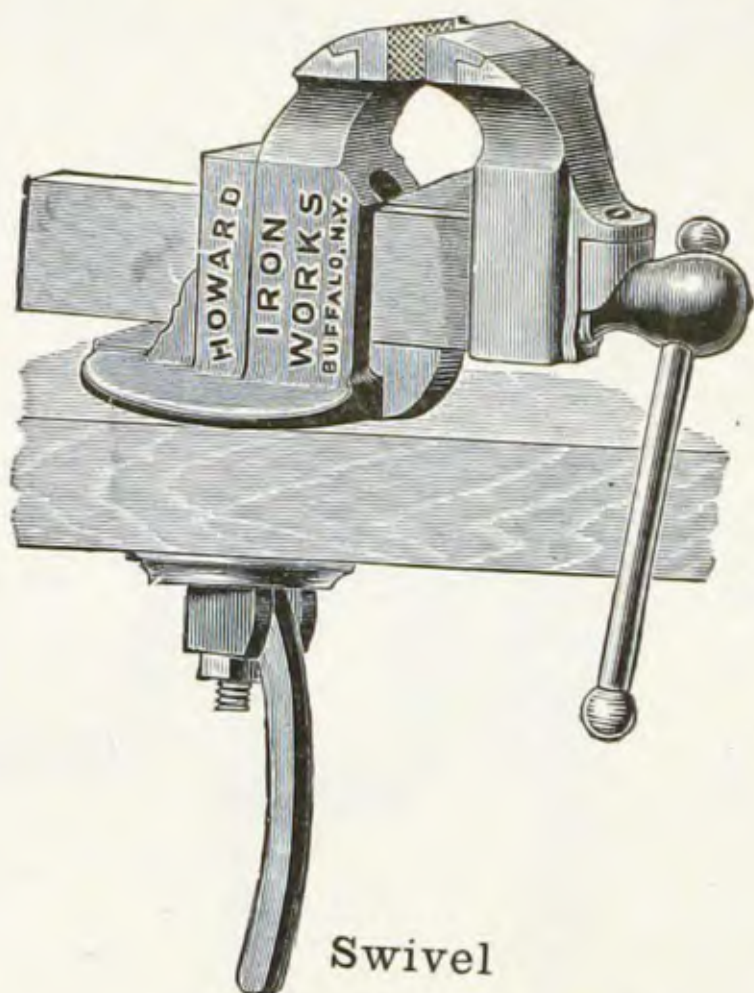
Fixed

Nos.	0	1	2	3	4	5	6
Jaws, in.,	3	3 1/2	4	4 1/2	5	6	7
Weight, lbs.,	25 1/2	31 1/2	41	52 1/2	93	113 1/2	184
Each,	\$5.50	6.50	8.50	10.75	16.00	23.75	34.50



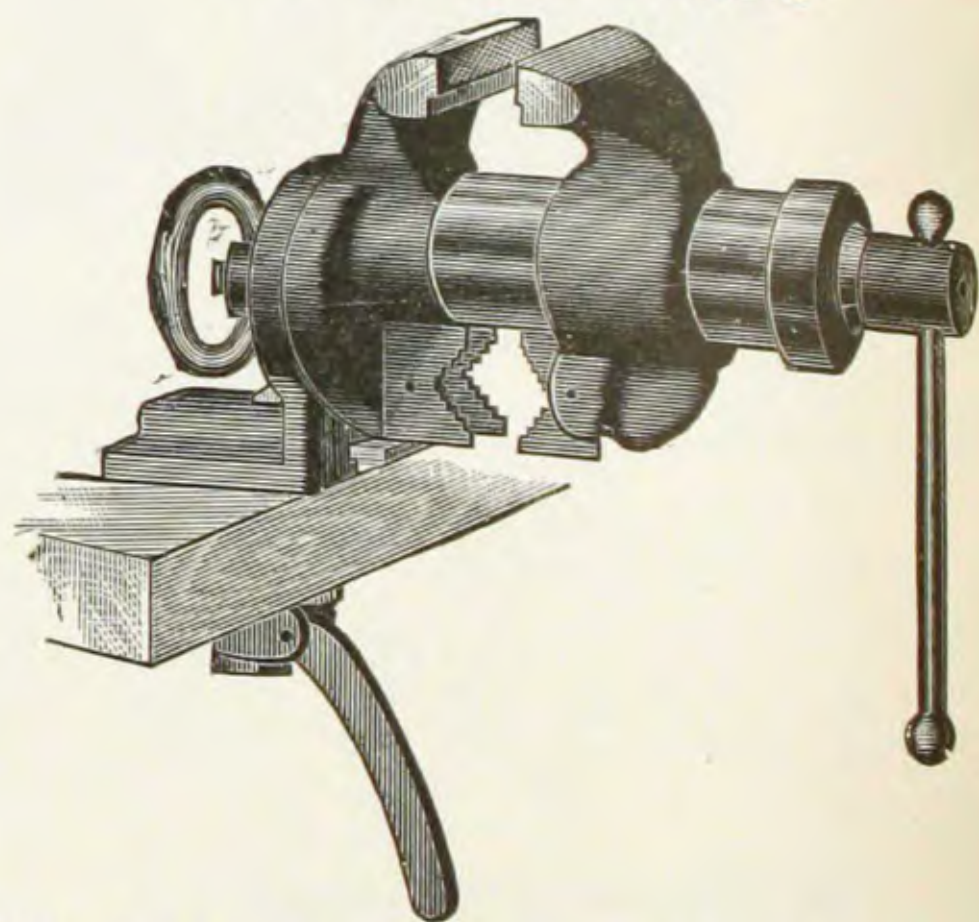
New Style. Fixed

Nos.	20	25	30	35
Jaws, inches,	2	2 1/2	3	3 1/2
Fixed, each,	\$4.00	5.00	6.25	7.00
Swivel,	4.50	5.75	7.00	8.25
Nos.	40	45	50	55
Jaws, inches,	4	4 1/2	5	5 1/2
Fixed, each,	\$9.00	11.75	16.25	20.00
Swivel,	10.75	14.00	19.25	23.50

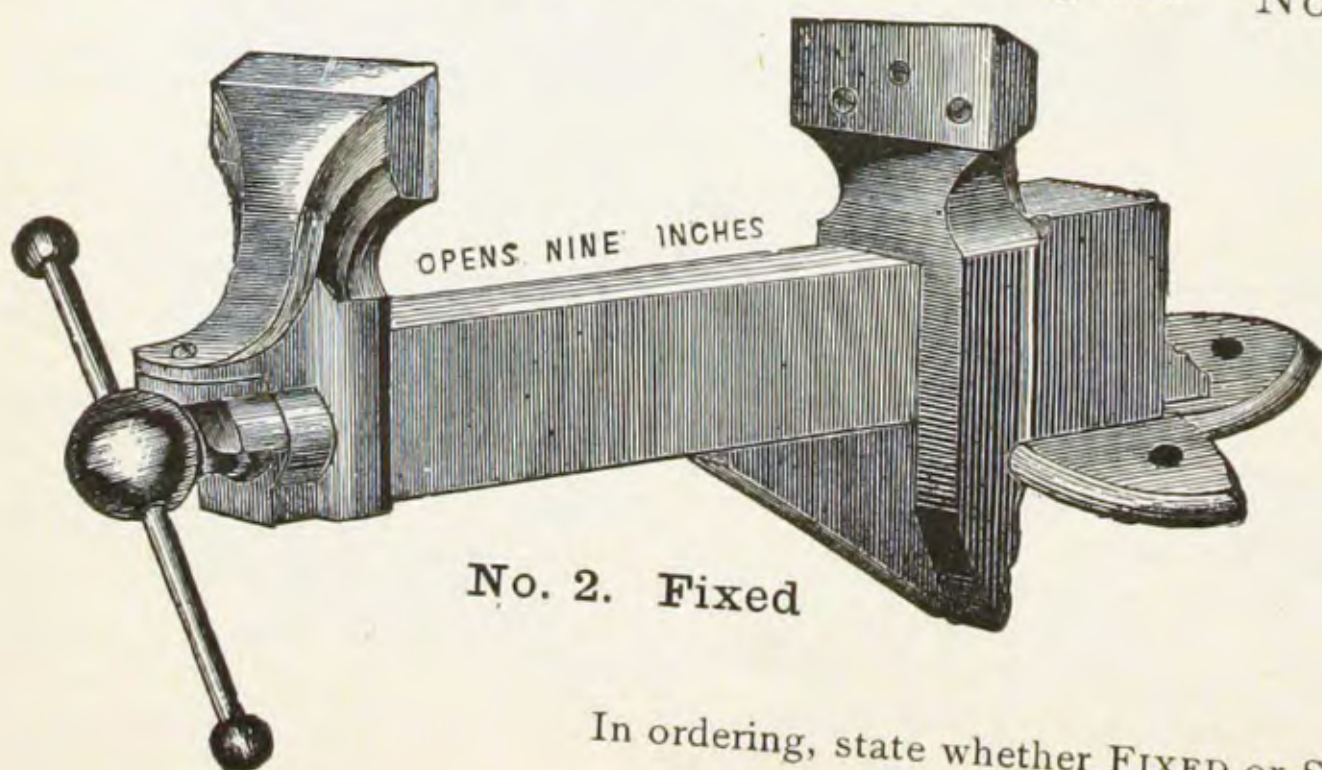


Swivel

Nos.	00	0	1	2
Jaws, inches,	2	3	3 1/2	4
Weight, lbs.,	7 1/2	31 1/2	38 1/2	48
Each,	\$4.00	6.25	8.00	10.00
Nos.	3	4	5	6
Jaws, inches,	4 1/2	5	6	7
Weight, lbs.,	61	104 1/2	129	194
Each,	\$13.25	18.50	26.00	36.00



- No. 102 Jaws 3 inch, opens 4 1/4 inches, will take from 3/8 to 2 inch diameter pipe, weight 52 pounds, each, \$12.00
- No. 103 Jaws 4 1/2 inch, opens 4 1/4 inches, will take from 3/8 to 3 inch diameter pipe, weight 80 pounds, each, 15.00



No. 2. Fixed

COACHMAKERS' VISES

- No. 2 Fixed, opens 9 inches, Jaws 4 inches, weight, 37 1/2 pounds, each, \$10.00
- No. 1 Swivel, opens 9 inches, Jaws 4 inches, weight, 46 pounds, each, 12.50

In ordering, state whether FIXED or SWIVEL Vises are wanted.

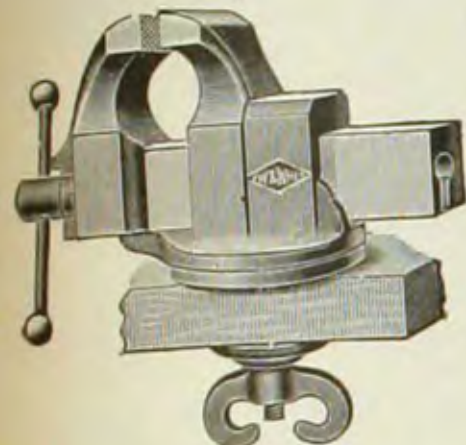


PLAIN PARALLEL BENCH



Nos.	30	31	32	33	34	35	36	37
Jaws, inches,	2	2 1/2	3	3 1/2	4	4 1/2	5	6
Each,	\$3.00	4.00	5.00	5.75	7.50	9.00	13.00	20.00
No. 50	Coach Makers', 4 inch Jaw, opens 9 inches, each, \$9.00							

SWIVEL BENCH



Nos.	40	41	42	43	44	45
Jaws, inches,	2	2 1/2	3	3 1/2	4	4 1/2
Each,	\$3.50	4.50	5.50	7.00	8.50	10.50
No. 52	Coach Makers', 4 inch Jaw, opens 9 inches, each, \$11.00					

DIAMOND VISES

Jaws faced with Steel, 7 inches wide X 4 inches long. Face of Anvil, 3 inches wide X 7 inches long, Chilled, Ground, and Polished.

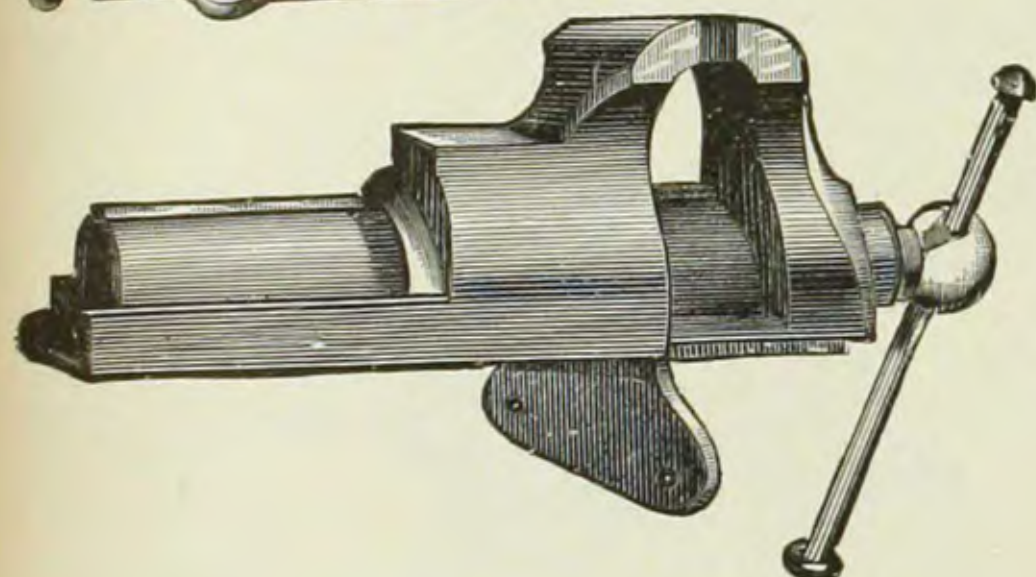
Vise only, weight 38 pounds, each, \$6.00
With Drill attachment, weight 51 pounds, " 10.00
Each in a case.



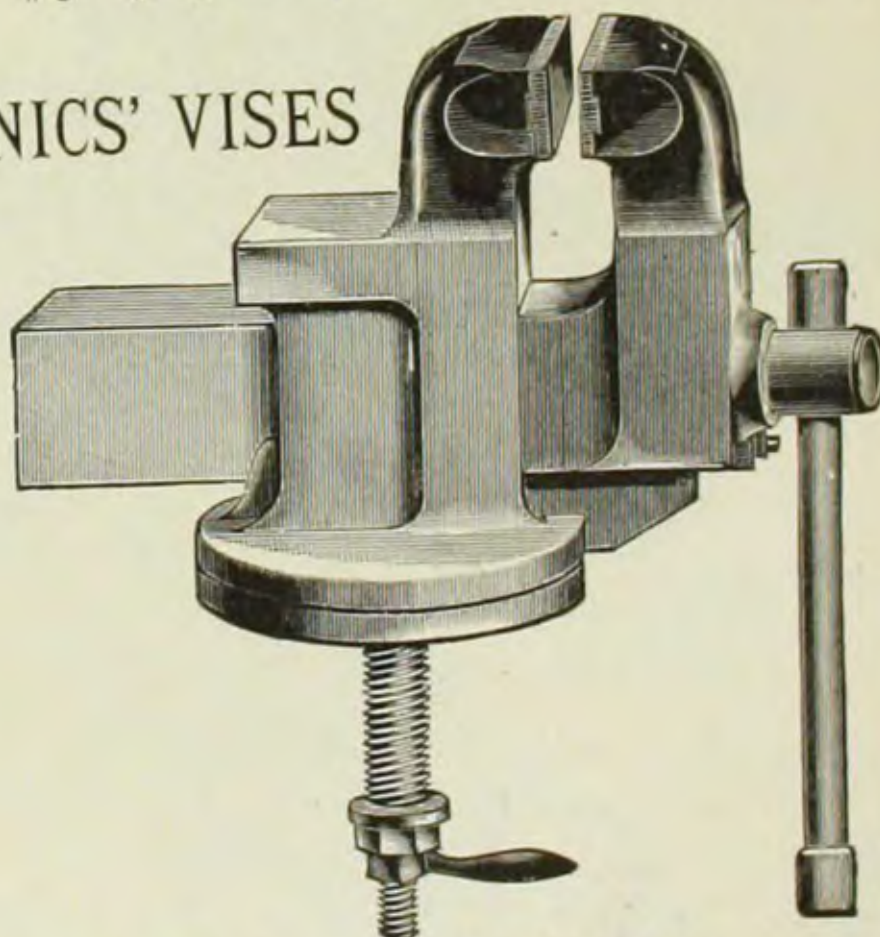
OVAL SLIDE VISES

Jaws faced with Best Steel; Screws, Wrought Iron; Boxes, Composition.

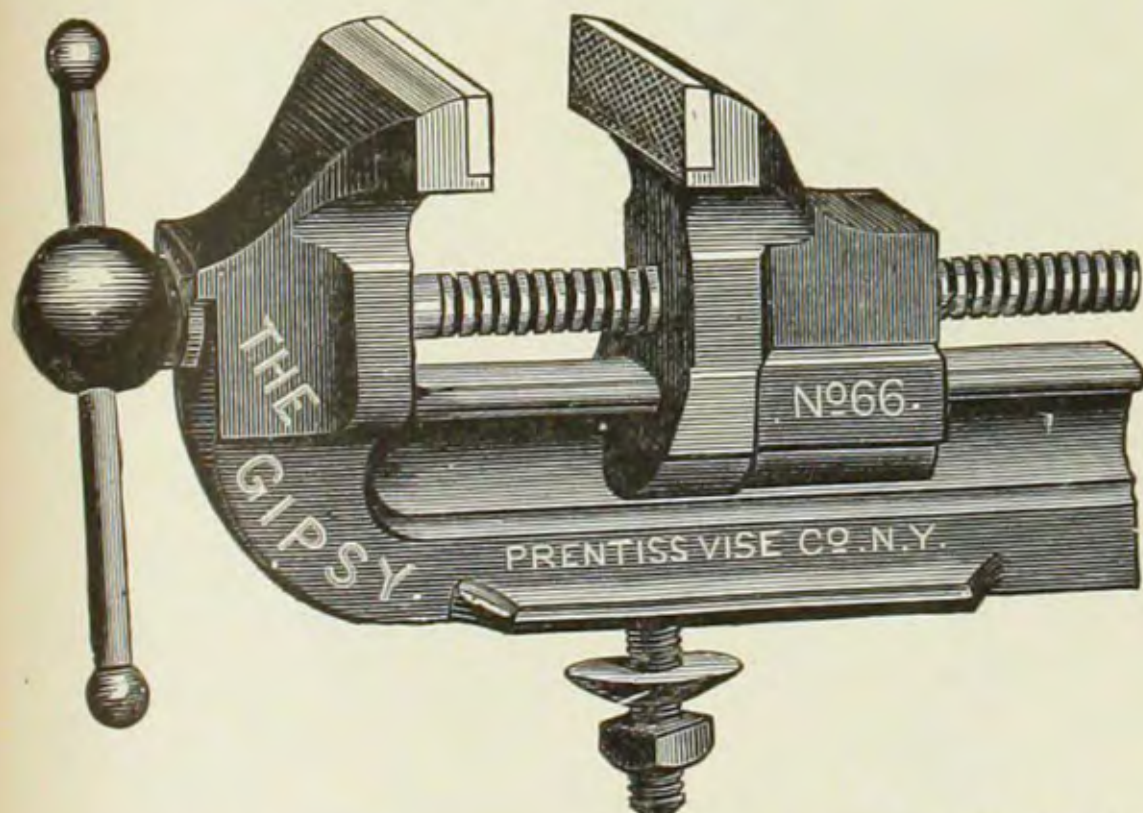
Nos.	00	0	1	2	3	4
Size of Screw, in.,	1/2	5/8	3/4	7/8	1	1 1/8
Length of Jaw, "	2 1/4	2 1/2	3	3 1/2	4	4 1/2
Each,	\$3.15	3.80	5.40	6.75	9.00	11.75



MECHANICS' VISES



GIPSY VISES



WITH STEEL SCREW AND WELDED STEEL JAWS, MILLED AND CUT

Head of swivel screw moves in groove running whole length of bottom plate, allowing operator to move Vise out, in, or to any desired angle and fasten in position.

No.	Weight.	Each.
65 2 1/2 inch Jaws, opens 3 inches, 8 lbs.,	\$1.75	
66 3 1/2 " " " 4 " 14 "	2.75	
67 4 " " " 6 " 28 "	4.50	

WITH SEAT (SEE ILLUSTRATION)

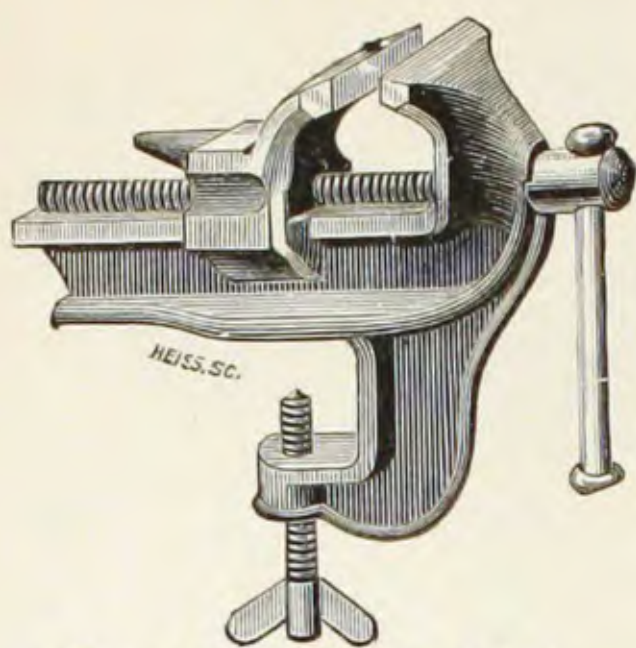
Jaws, inches,	3	3 1/2
Each,	\$9.90	10.56

WITHOUT SEAT

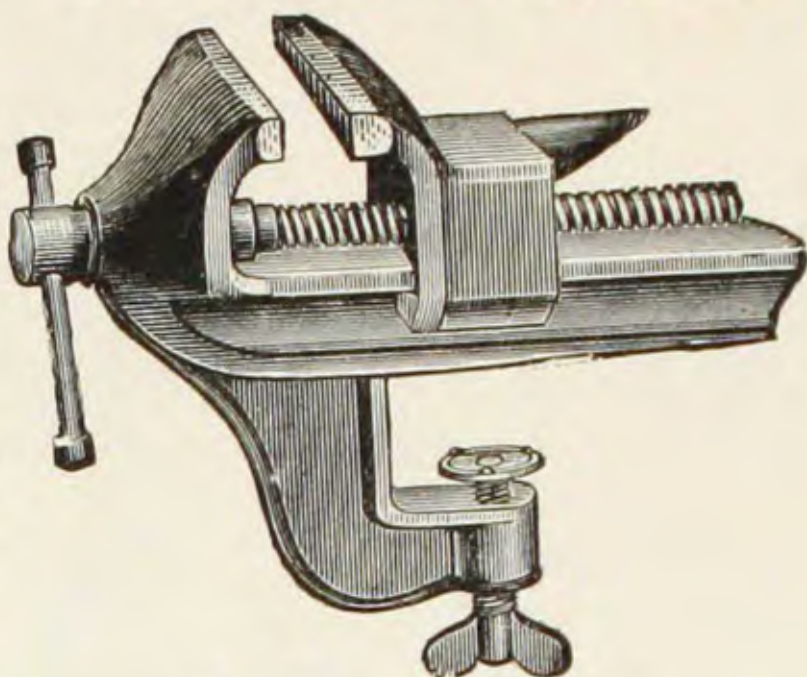
Jaws, inches,	1 1/2	2	2 1/2	3
Each,	\$3.00	3.30	5.28	8.56
Opens, inches,	2 1/2	3 1/2	3 1/2	4 1/2
Weight, lbs.,	3 1/2	8	18	32
Jaws, inches,	3 1/2	4	4 1/2	5
Each,	\$9.24	11.24	13.20	15.84
Opens, inches,	4 1/2	5	5	6
Weight, lbs.,	42	50	60	76



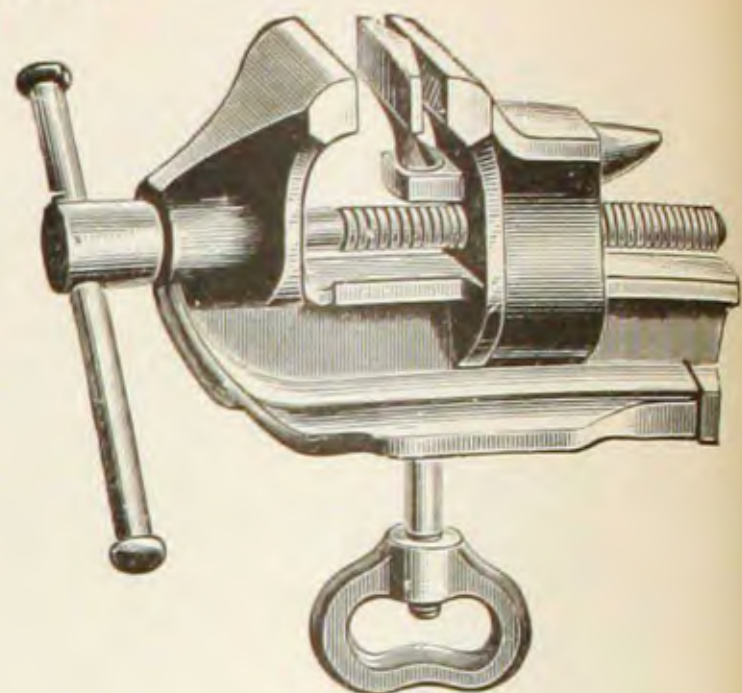
BONNEY'S DOMESTIC VISES



Nos. 1, 1 1/2, 2, and 2 1/2



Nos. 3 1/2, 4, and 6



No. 9

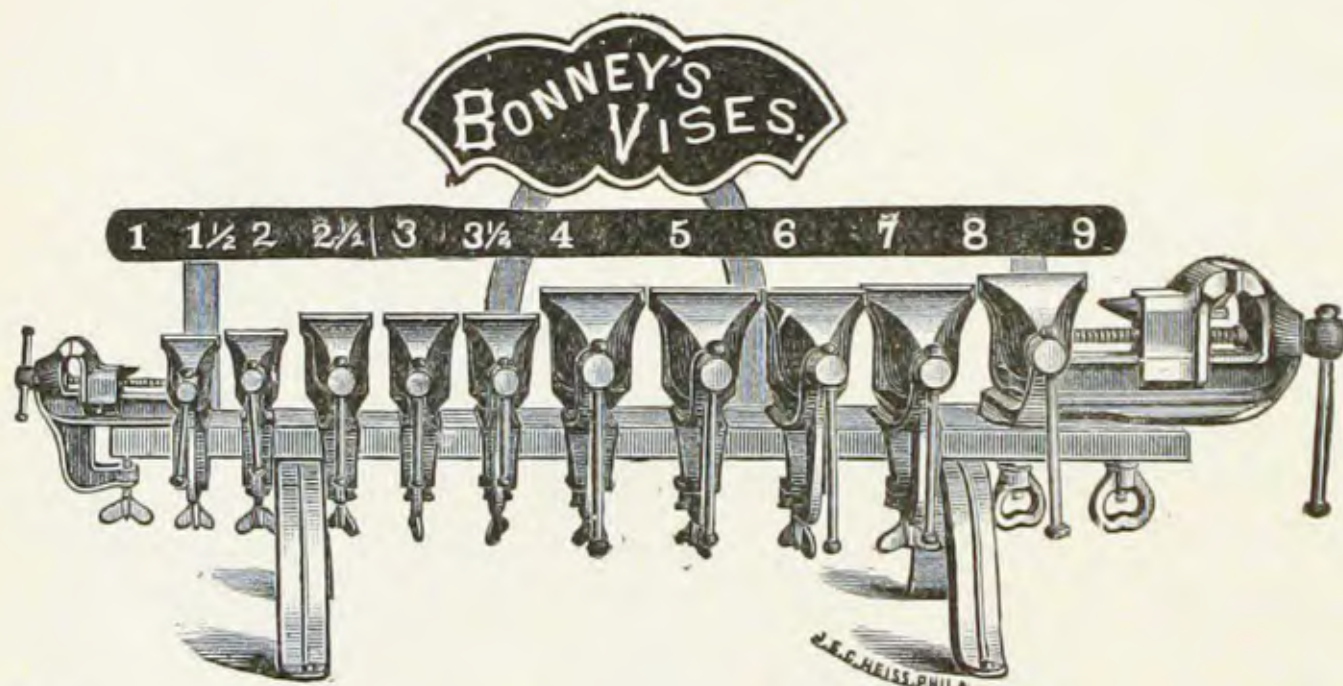
HEAVY STEEL SCREWS

No.			Per dozen.
1	1 1/2 inch Jaws,		\$3.75
1 1/2	1 3/4 " "		5.00
2	2 " "		6.50
2 1/2	2 " Tempered Steel Jaws,		9.75
3 1/2	2 1/4 " Jaws,		8.50
4	2 3/4 " "		16.50
6	2 3/4 " Tempered Steel Jaws,		19.50

WITH SWIVEL JAW ATTACHMENT, HEAVY STEEL SCREWS

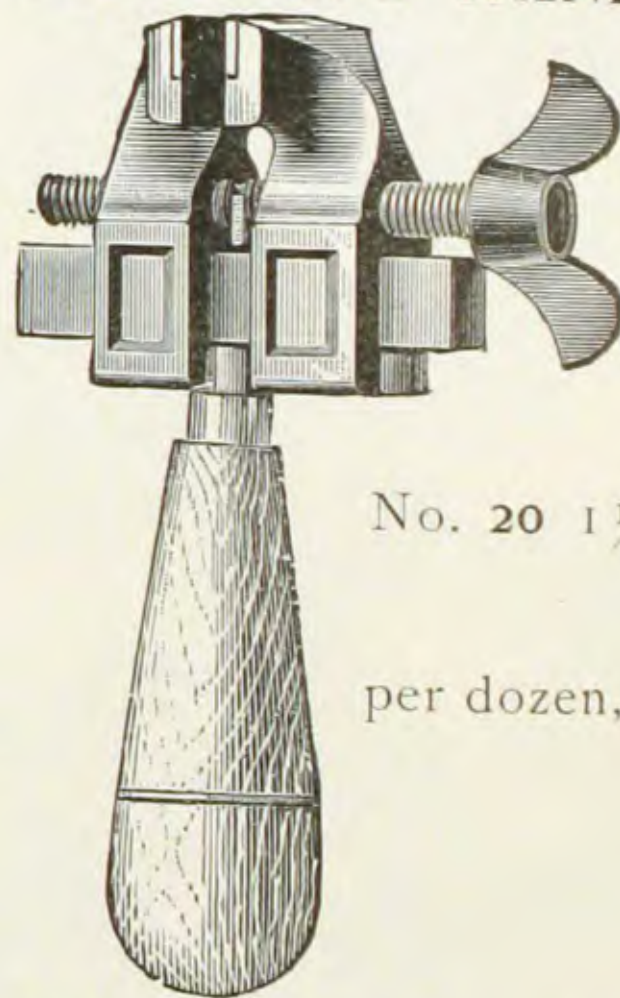
No.		Per dozen.
3	2 1/4 inch Tempered Steel Jaws,	\$12.00
5	2 3/4 " Jaws,	19.50
7	2 3/4 " Tempered Steel Jaws,	22.50
No.	SWIVEL BASE	Per dozen.
8	2 3/4 inch Tempered Steel Jaws, without Swivel Jaw Attachment,	\$19.50
9	2 3/4 inch Tempered Steel Jaws, with Swivel Jaw Attachment,	22.50

SAMPLE STANDS



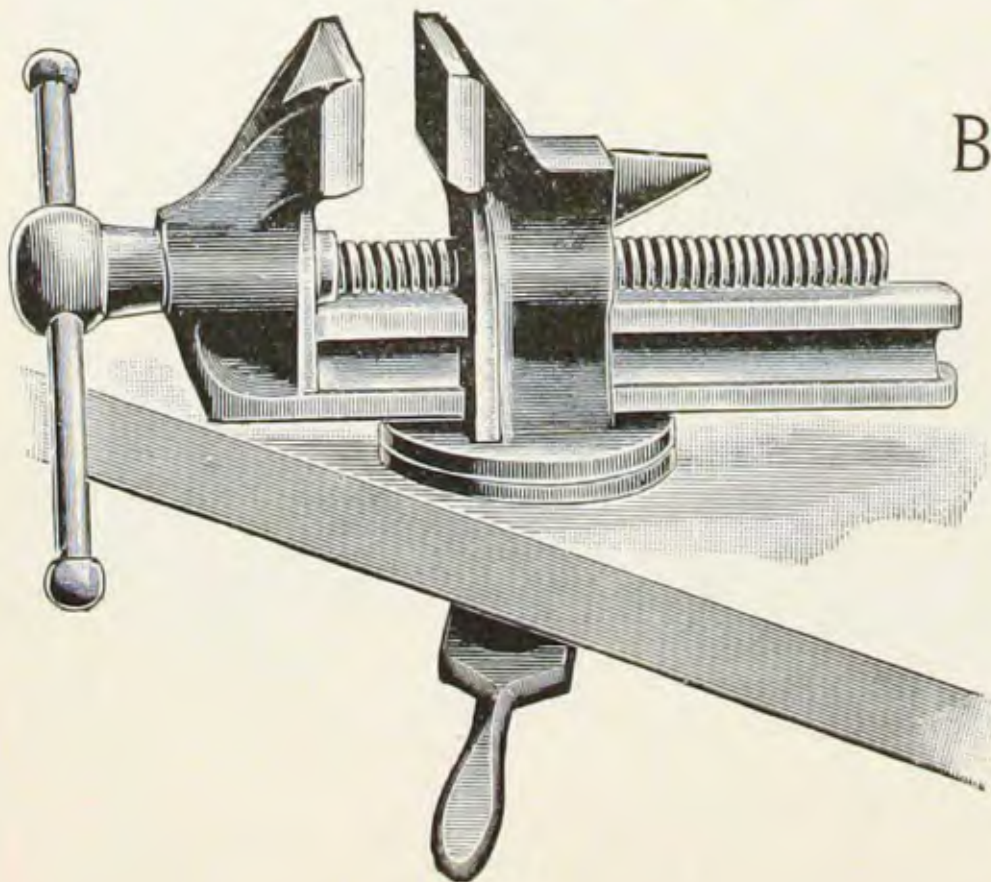
28 inches long, contains one Vise each, Nos. 1, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 7, 8, and 9, complete, \$15.00
Each in a box.

BONNEY'S COMBINED SWIVEL BENCH AND HAND VISES



COMPLETE WITH
BENCH
ATTACHMENT

No. 20 1 1/2 inch,
Steel Jaws,
per dozen, \$21.00

BONNEY'S IMPROVED MACHINISTS' VISES
STEEL JAWS AND SWIVEL BASE

No.	Length of Jaw.	Weight.	Each.
250A	2 1/2 inches	8 1/2 pounds	\$2.25
300	3 " "	14 1/2 " "	3.50
350	3 1/2 " "	21 1/2 " "	4.75
400	4 " "	26 1/2 " "	6.00

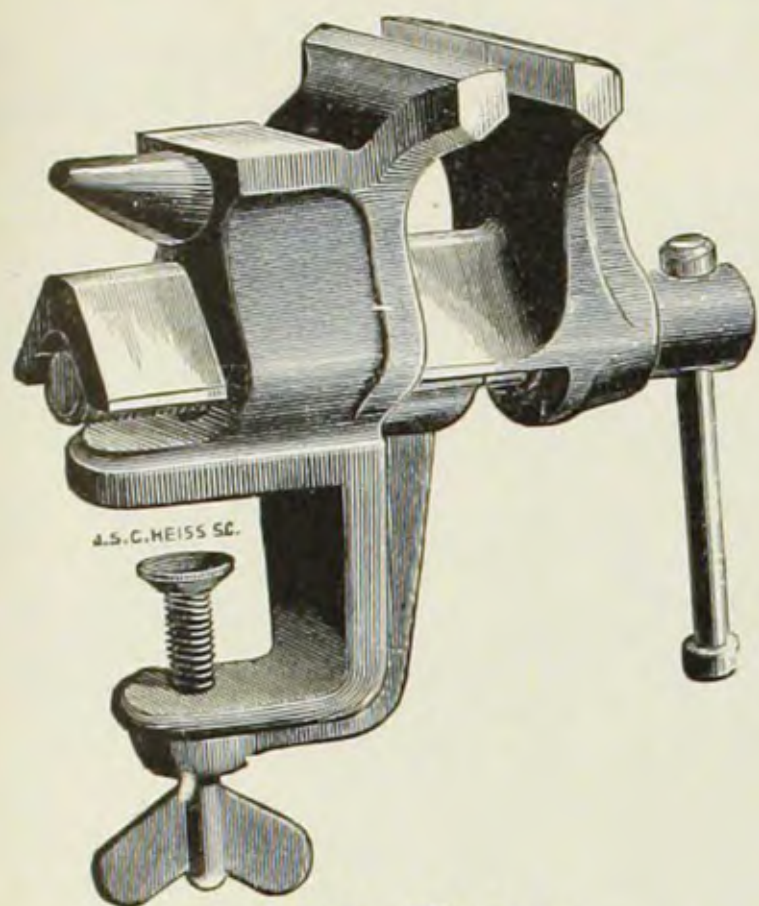
WITH SWIVEL JAW FOR GRIPPING TAPERING PIECES

No.	Length of Jaw.	Weight.	Each.
450	2 1/2 inches	9 pounds	\$3.25
500	3 " "	15 " "	5.00
550	3 1/2 " "	22 " "	6.25
600	4 " "	27 " "	7.50

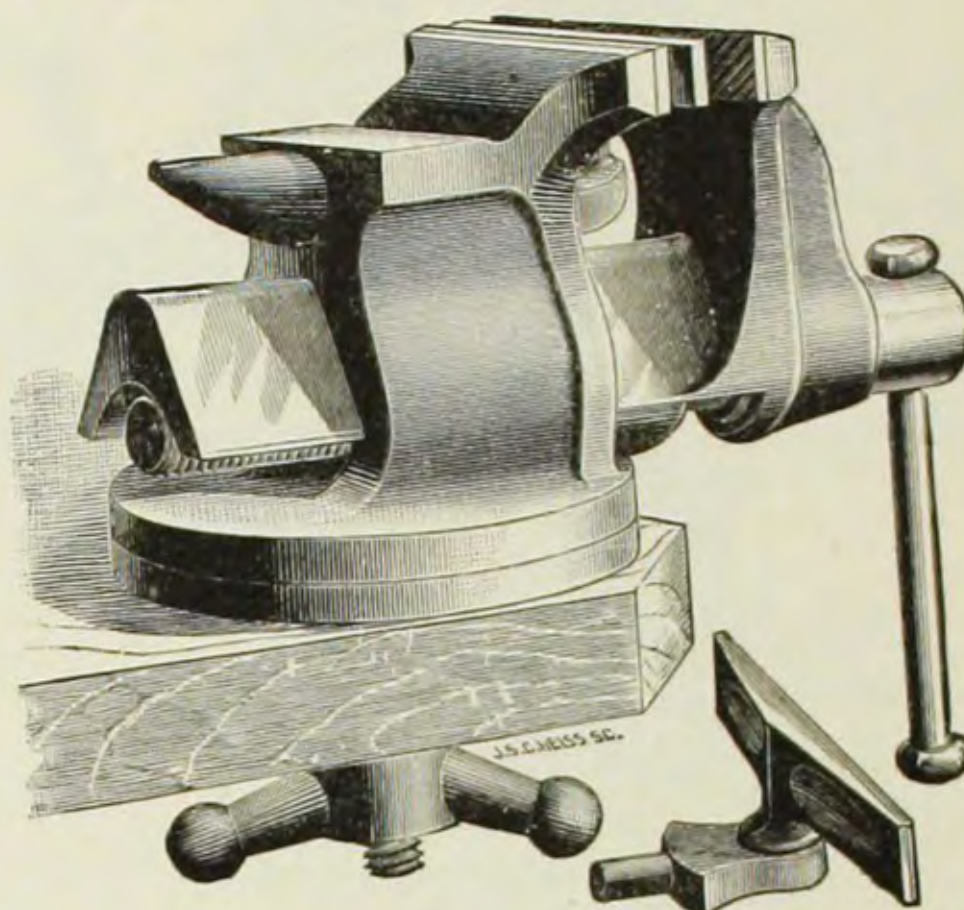


CHAMPION VISES

SOLID STEEL FRONT JAW AND SCREW MADE FROM BAR STEEL



With Clamp



Swivel Base

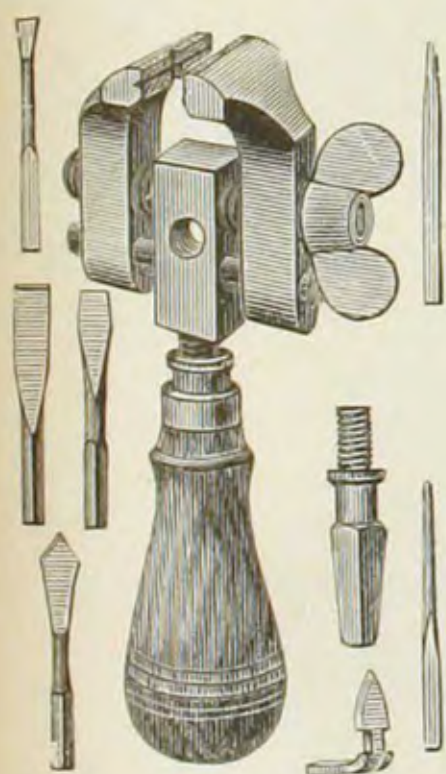
No.		Weight, pounds.	Per dozen.
112	1½ inch Jaws,	1¼	\$4.50
113	1¾ " "	1¾	6.50
114	2 " "	2½	9.00
115	2¼ " "	3	12.00
116	2 " Steel Jaws,	2½	15.00
117	2 " " and Swivel Jaw,	2¾	21.00
118	2½ " " and Swivel Jaw,	3¾	18.00
119	2½ " Steel Jaws,	3¾	24.00
120	2½ " " and Swivel Jaw,	4	30.00
121	3 " " and Swivel Jaw,	7½	24.00
122	3 " Steel Jaws,	7½	30.00
123	3 " " and Swivel Jaw,	8	36.00

No.		Weight, pounds.	Per dozen.
125	2 inch Steel Jaws,	2¾	\$15.00
126	2 " " and Swivel Jaw,	3	21.00
127	2½ " " and Swivel Jaw,	4	24.00
128	2½ " " and Swivel Jaw,	4¼	30.00
129	3 " " and Swivel Jaw,	8	36.00
130	3 " " and Swivel Jaw,	8½	42.00

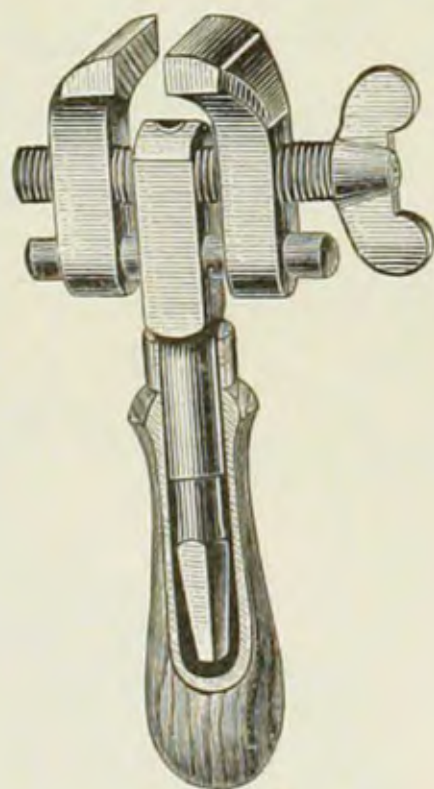
SAMPLE STANDS

- No. 1 Circular, 12 inches in diameter, each, \$20.75
Contains 1 Vise each, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123.
- No. 2 Circular, Large Circle, 13½ inches in diameter; Small Circle, 7 inches in diameter, each, \$34.75
Contains 1 Vise each, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 125, 126, 127, 128, 129, 130.
Each in a box.

MILLER'S FALLS HAND VISES



No. 1

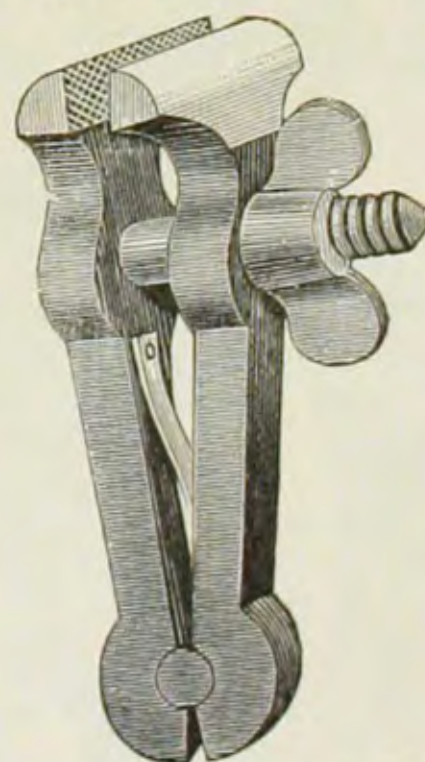


No. 2

No. 1 Jaws, 1¼ inch, opens 1⅛ inch, length, 6¾ inches; can be used with a brace. All the tools are contained in the Hollow Handle, each, \$1.75

No. 2 Jaws, 1½ inch, opens 1¼ inch, length, 6¾ inches; can be used in a brace, each, \$1.50
Half dozen in a box.

HAND VISES



Black. Bright Jaws

Size, inches,	3	3½	4	4½	5
No. 100 Cast Steel, per doz.,	\$2.60	2.60	2.60	3.00	3.70
No. 200 Best Cast Steel, "	5.40	5.40	5.40	6.70	7.90
No. 300 Cast Steel, Handled, "	3.10	3.10	3.40	3.90	4.40

Half dozen in a box.



PHOENIX VISES

CLAMP

The thumb-screws in the Nos. $2\frac{1}{2}$, $2\frac{3}{4}$, $3\frac{1}{2}$, $4\frac{1}{2}$, and $5\frac{1}{2}$ are provided with ball-and-socket jointed cap. The jaws and anvil of the Nos. $3\frac{1}{2}$, $4\frac{1}{2}$, and $5\frac{1}{2}$ are chill-hardened.

No.	Jaws, opens	inch	without Anvil,	Per dozen.
$1\frac{1}{2}$	1	inch	weight $1\frac{5}{16}$ lbs.,	\$2.50
$2\frac{1}{2}$	$1\frac{1}{2}$	"	"	3.50
$2\frac{3}{4}$	$1\frac{3}{4}$	"	"	6.50
$3\frac{1}{2}$	2	"	"	10.00
$4\frac{1}{2}$	$2\frac{1}{2}$	"	"	16.00
$5\frac{1}{2}$	$2\frac{1}{2}$	" Steel	"	20.00

ANVIL

Screw and Lever, in all sizes, made of bright Bessemer Steel. Jaws and Anvil, in all sizes, except Nos. 1 and 2, are chill-hardened.

No.	Jaws, opens	inch	weight	Per dozen.
1	1	inch	$\frac{1}{2}$ lbs.,	\$2.00
2	$1\frac{1}{2}$	"	"	3.00
$2\frac{1}{4}$	$1\frac{3}{4}$	"	"	5.50
3	2	"	"	8.00
4	$2\frac{1}{2}$	"	"	13.50
5	$2\frac{1}{2}$	" Steel	"	17.50
10	3	"	"	21.00

No. 10 has slotted base and fastens with bolt and wing nut.

MECHANICS' BENCH

These Vises are extra heavy and strong. Are carefully made and fitted, and finely finished. They are provided with steel jaws and Bessemer Steel Screw and Lever.

PLAIN BASE

No.	Jaws, weight	Each.
24	3 inch Jaws, weight 18 pounds,	\$3.50
29	$3\frac{1}{2}$ " " " 25 "	5.00
34	4 " " " 35 "	7.00
39	$4\frac{1}{2}$ " " " 52 "	9.50

SWIVEL BASE

No.	Jaws, weight	Each.
20	$2\frac{1}{2}$ inch Jaws, weight 10 pounds,	\$1.75
25	3 " " " 20 "	4.00
30	$3\frac{1}{2}$ " " " 30 "	7.00
35	4 " " " 62 "	11.00

COMBINATION HAND

SAMPLE STANDS

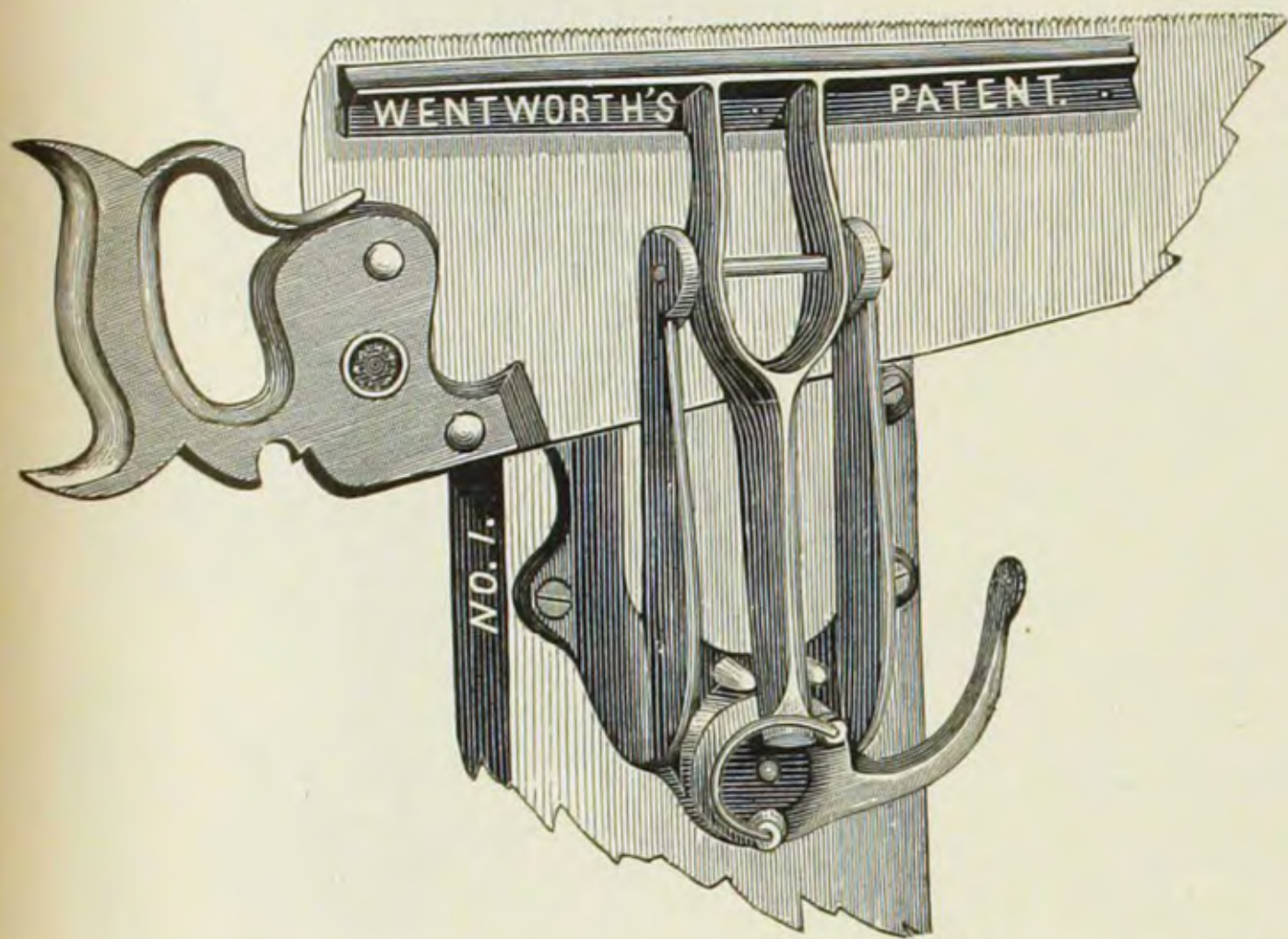
No.	Each.
1	Contains one each, Clamp Nos. $1\frac{1}{2}$, $2\frac{1}{2}$, $2\frac{3}{4}$, and $3\frac{1}{2}$, and Combination Hand Vise, \$2.50
2	Contains one each, Amateur No. 1, Anvil Nos. 2, $2\frac{1}{4}$, and 3, Clamp Nos. $1\frac{1}{2}$, $2\frac{1}{2}$, $2\frac{3}{4}$, and $3\frac{1}{2}$, and Combination Hand Vise, 4.25
3	Contains one each, Amateur No. 1, Anvil Nos. 2, $2\frac{1}{4}$, 3, 4, and 10, Clamp Nos. $1\frac{1}{2}$, $2\frac{1}{2}$, $2\frac{3}{4}$, $3\frac{1}{2}$, and $4\frac{1}{2}$, Swivel Base No. 20, and Combination Hand Vise, 10.25

Can be used as a small Bench Vise when desired, by means of the Plate accompanying each one.
1 inch Jaws, opens 1 inch, per dozen, \$3.60



WENTWORTH'S SAW VISES

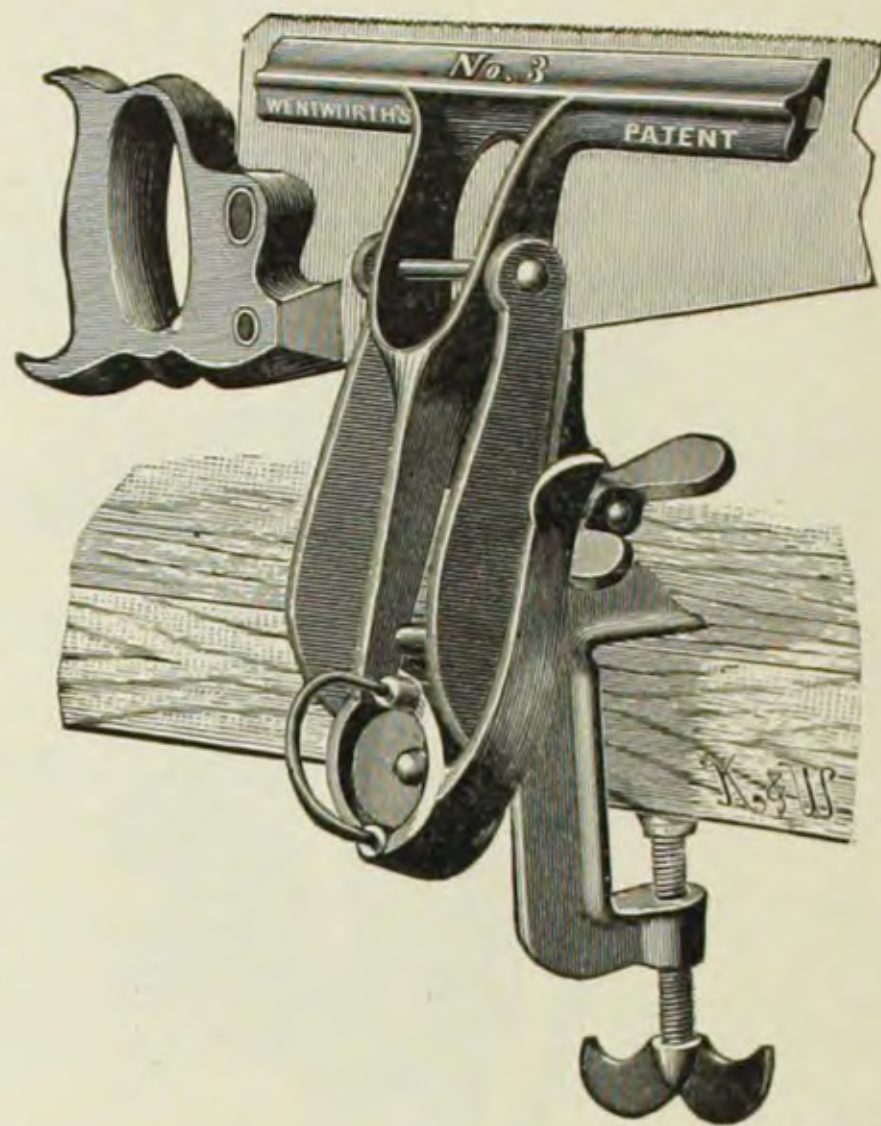
MADE WITH A FLEXIBLE RUBBER CUSHION OR MUFFLER BETWEEN THE JAWS, WHICH PREVENTS ANY VIBRATION AND RENDERS SAW-FILING NOISELESS



No. 1 11 inch Jaws,
No. 2 15 " "

per dozen, \$13.00
" " 18.00

No. 1, one dozen in a case; No. 2, half dozen.

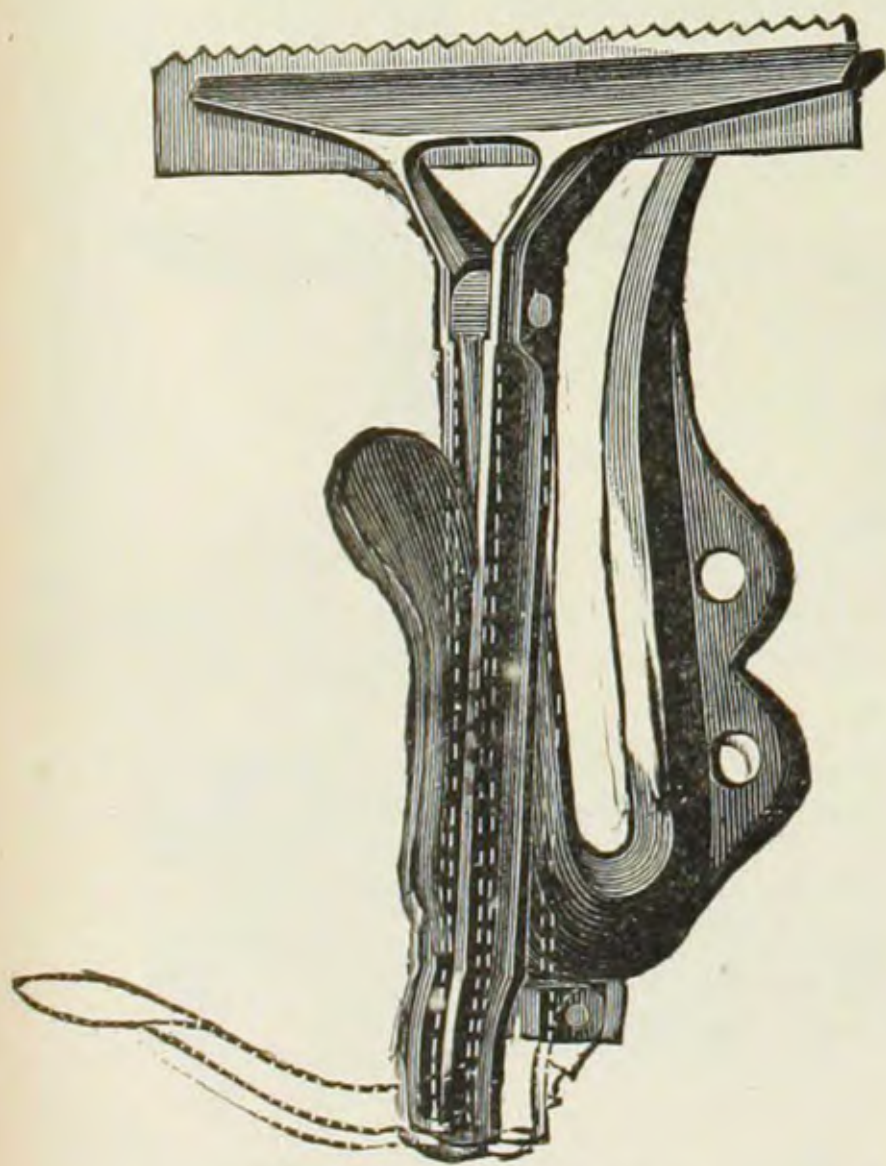


No. 3 11 inch Jaws,

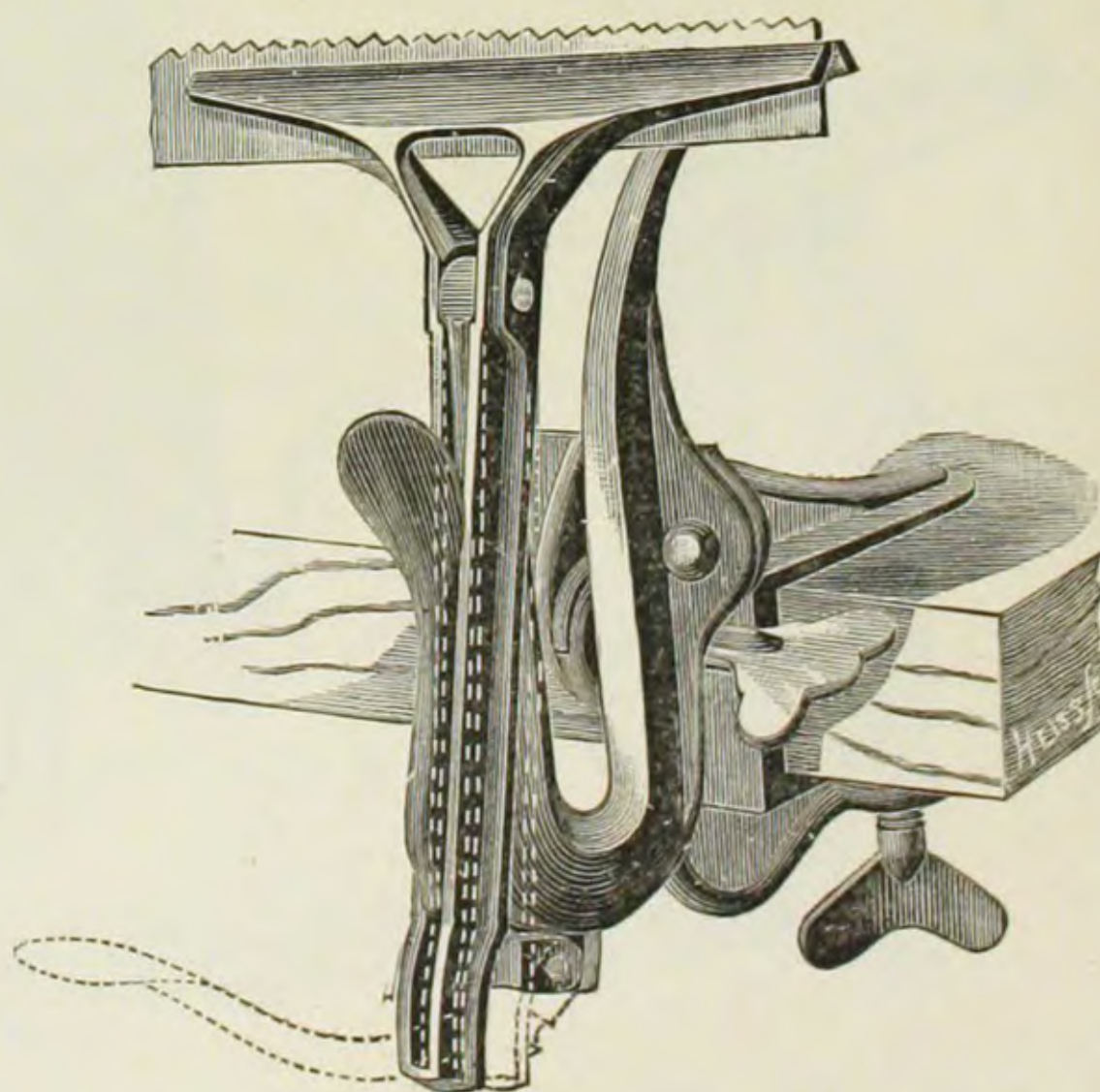
Per dozen.
\$18.00

Half dozen in a case.

BONNEY'S SAW VISES



No. 1 9½ inch Jaws, per dozen, \$12.00



No. 3 9½ inch Jaws,

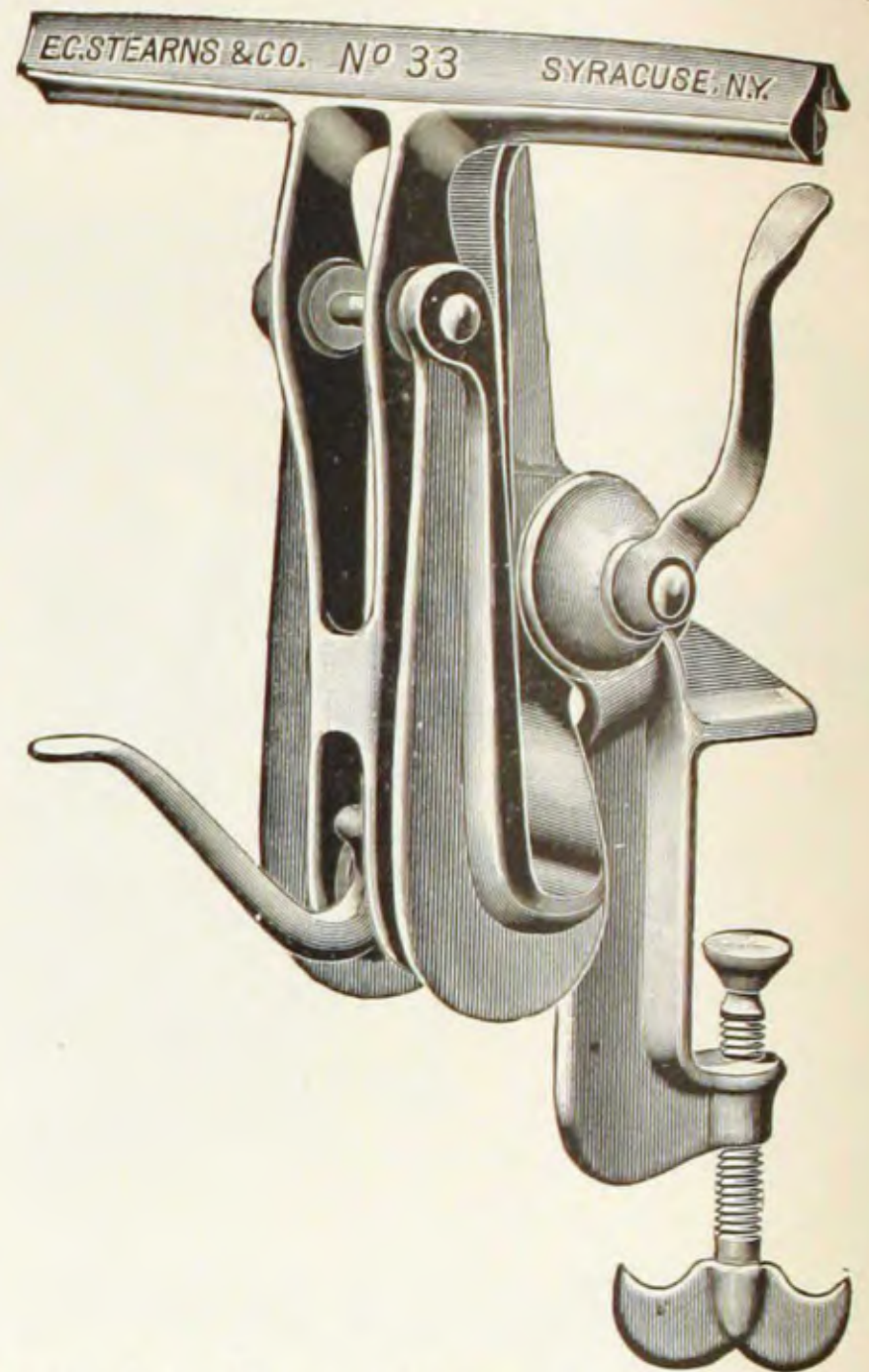
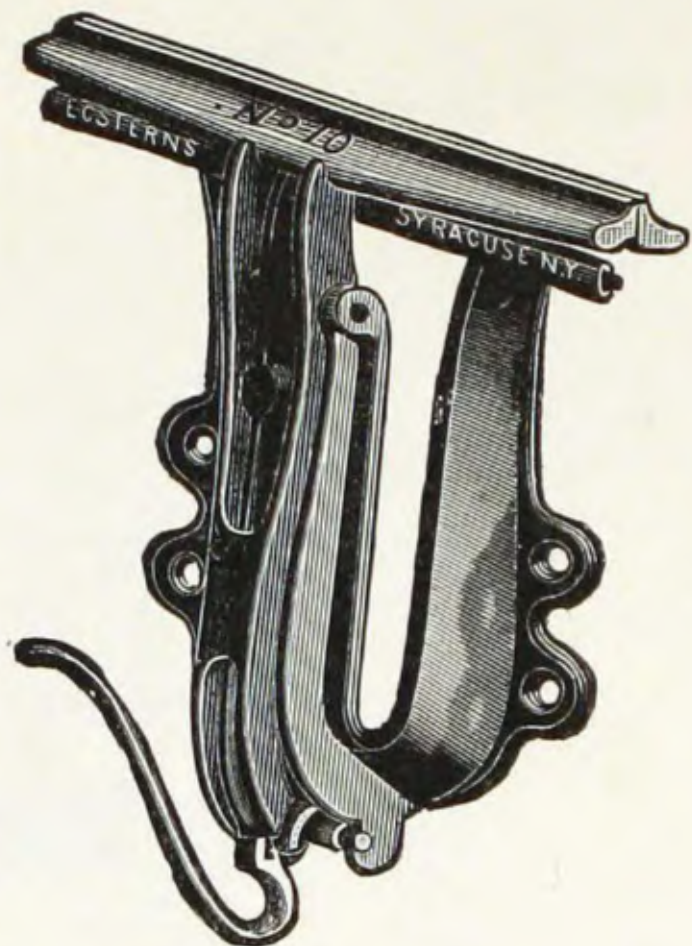
per dozen, \$15.00



STEARNS' SILENT SAW VISES

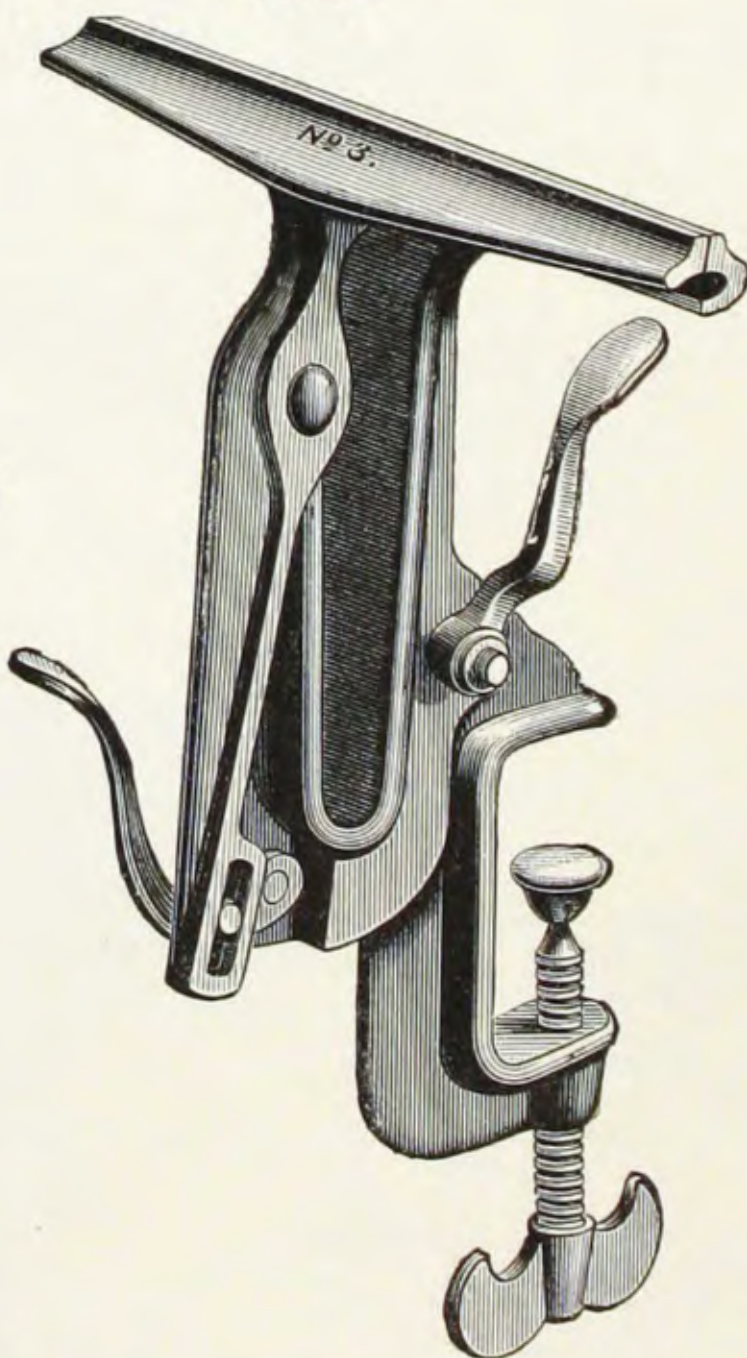
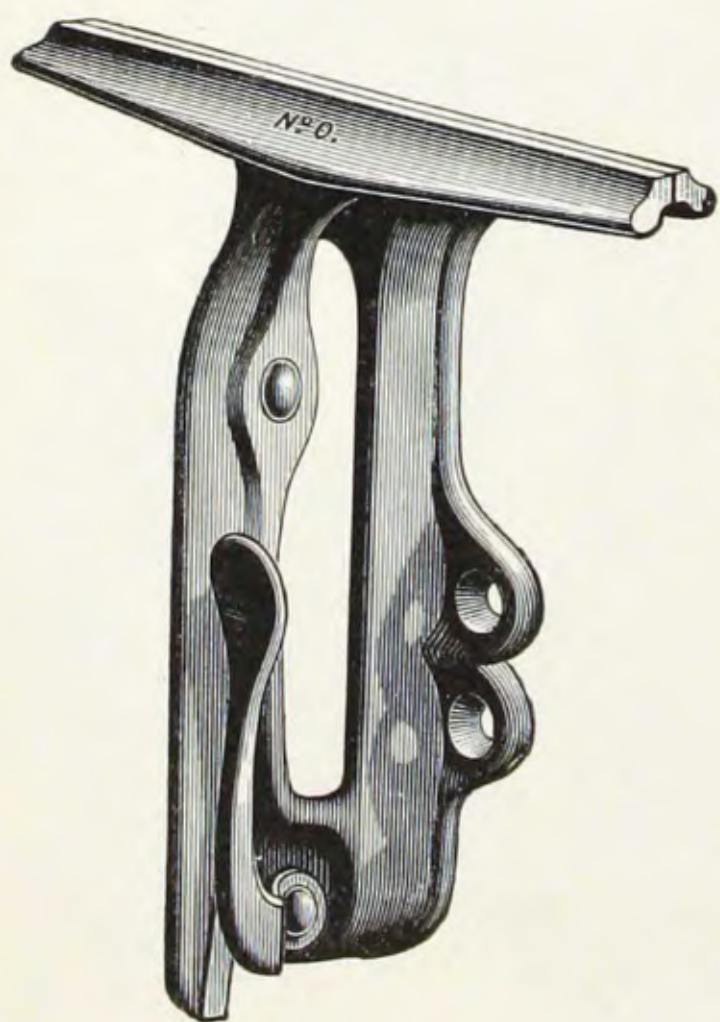
WITH RUBBER CUSHIONED JAWS

By one movement of the lever the saw is firmly clamped, after which a third jaw, faced with solid rubber, is pressed against the saw, preventing all noise or vibration.

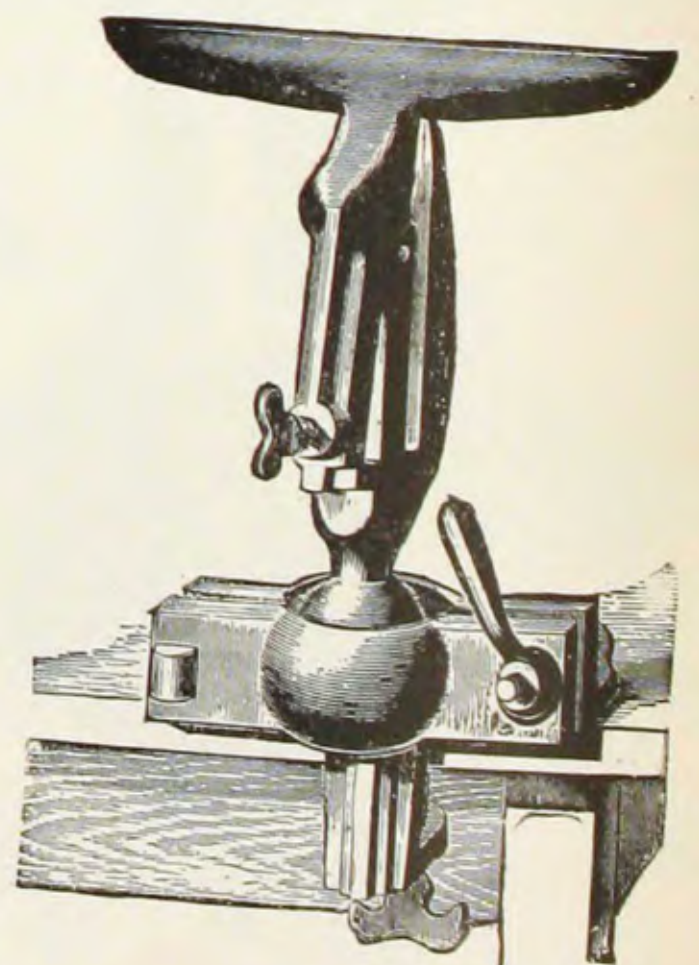


No. 10 10 in. Planed Jaws, per dozen, \$15.00 No. 33 10 in. Planed Jaws, per dozen, \$18.00
One dozen in a box.

STEARNS' SAW VISES



ADJUSTABLE BALL-AND-SOCKET SAW VISES



No. 0 9½ inch Jaws,
per dozen, \$10.00

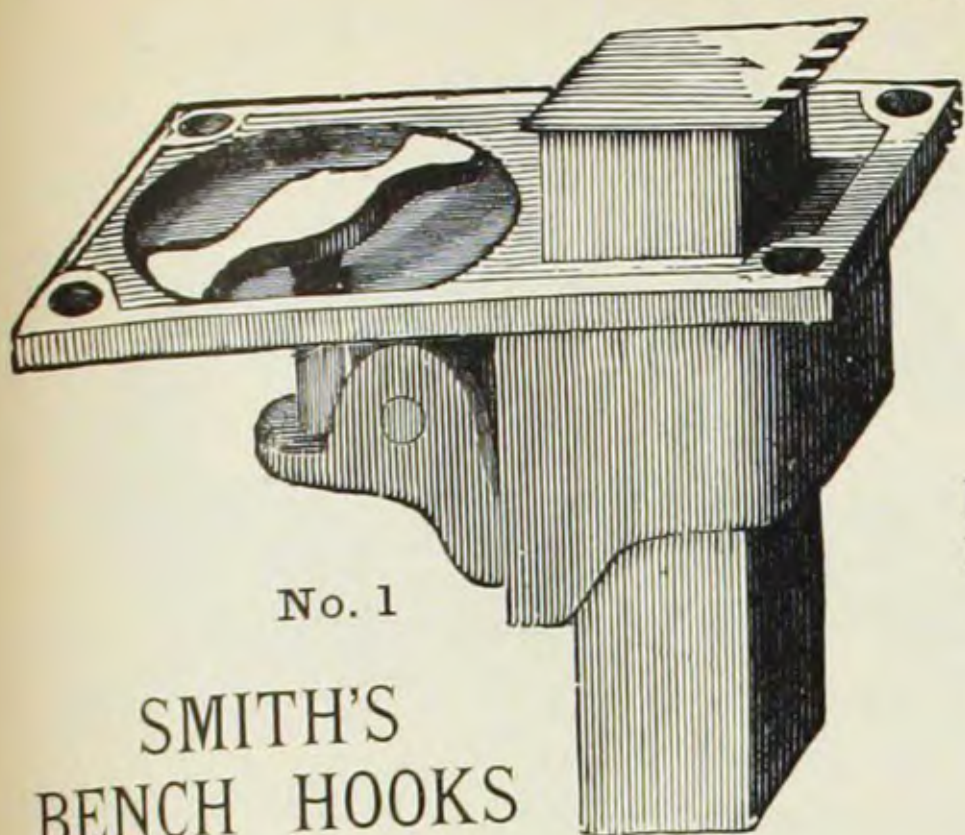
No. 3 9½ inch Jaws,
per dozen, \$16.00

No. 1 per dozen, \$14.00



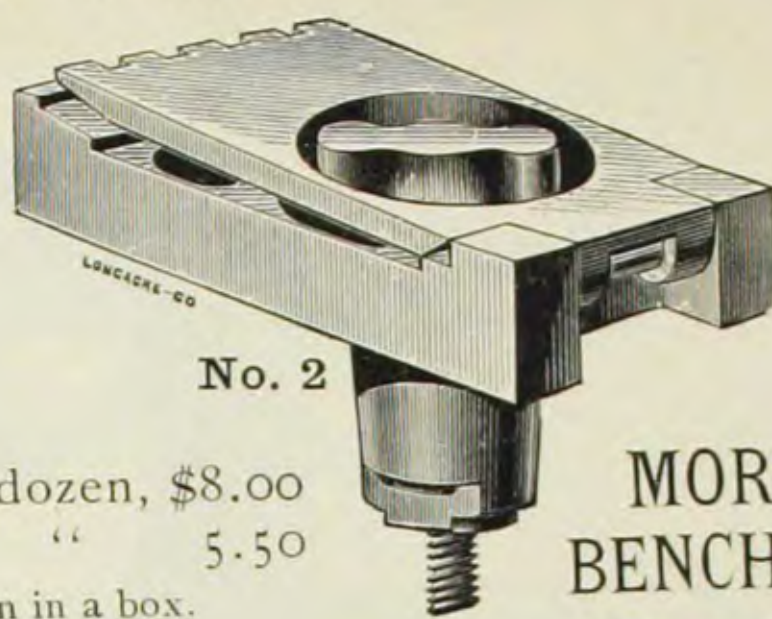
WESTON'S BENCH HOOKS

851



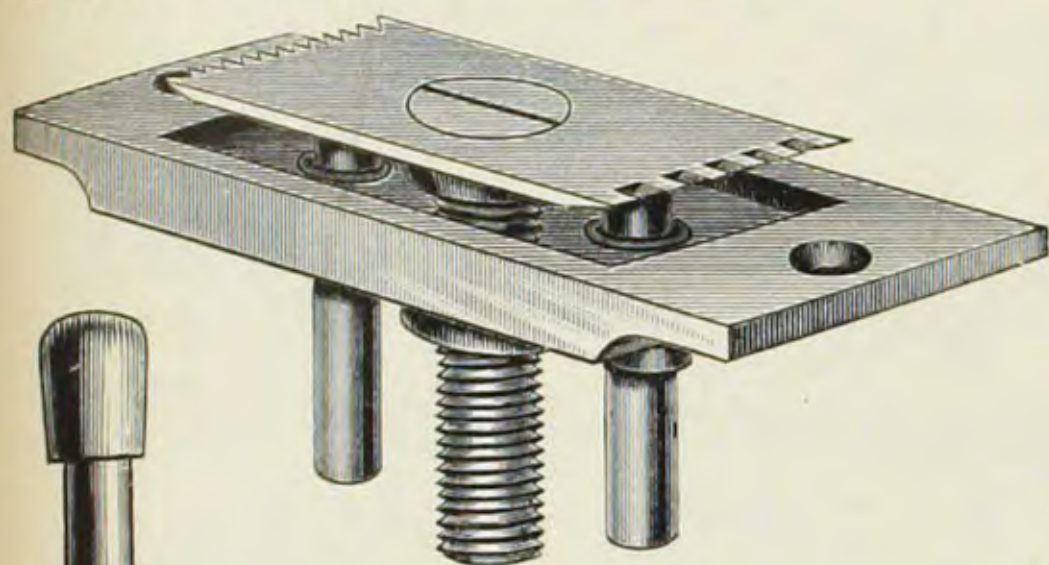
No. 1

No. 1, per dozen, \$8.00
No. 2, " " 5.50
Half dozen in a box.



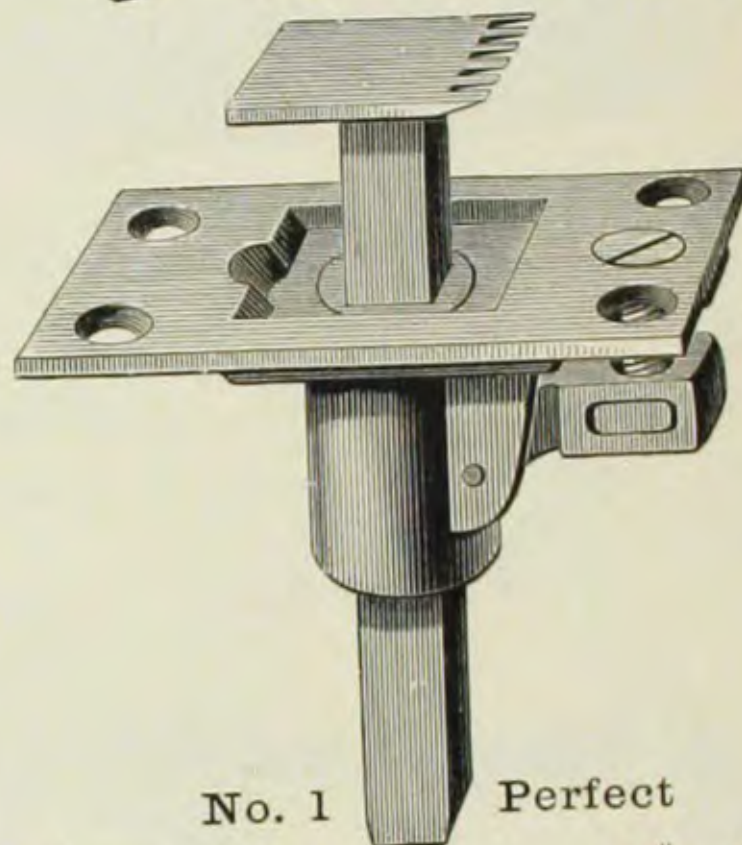
No. 2

SMITH'S BENCH HOOKS



Per dozen, \$5.00
One dozen in a box.

MORRILL'S BENCH HOOKS



No. 1 Perfect

Per dozen, \$9.00
Half dozen in a box.

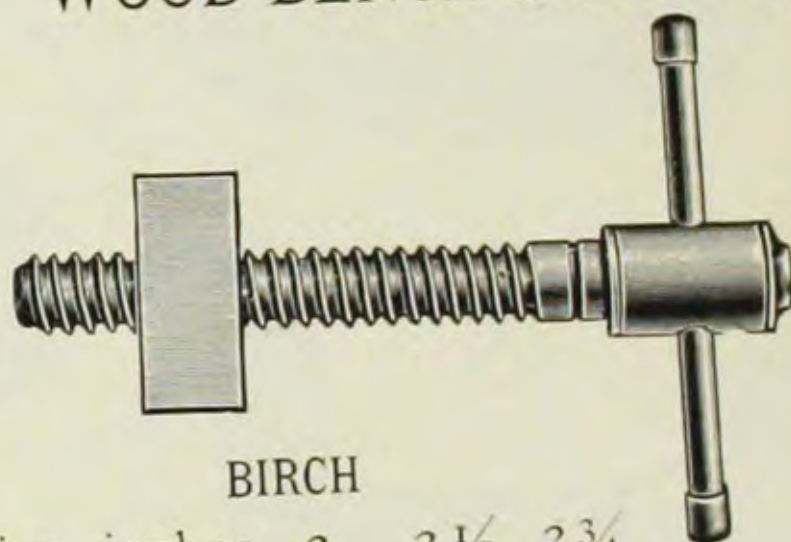
WROUGHT IRON BENCH SCREWS



MOVABLE COLLAR, DOUBLE THREAD, WOOD HANDLES

Size, inches,	1	1 1/8	1 1/4	1 1/2
Length, inches,	15	16	17	19
Per dozen,	\$10.00	11.00	15.00	21.70

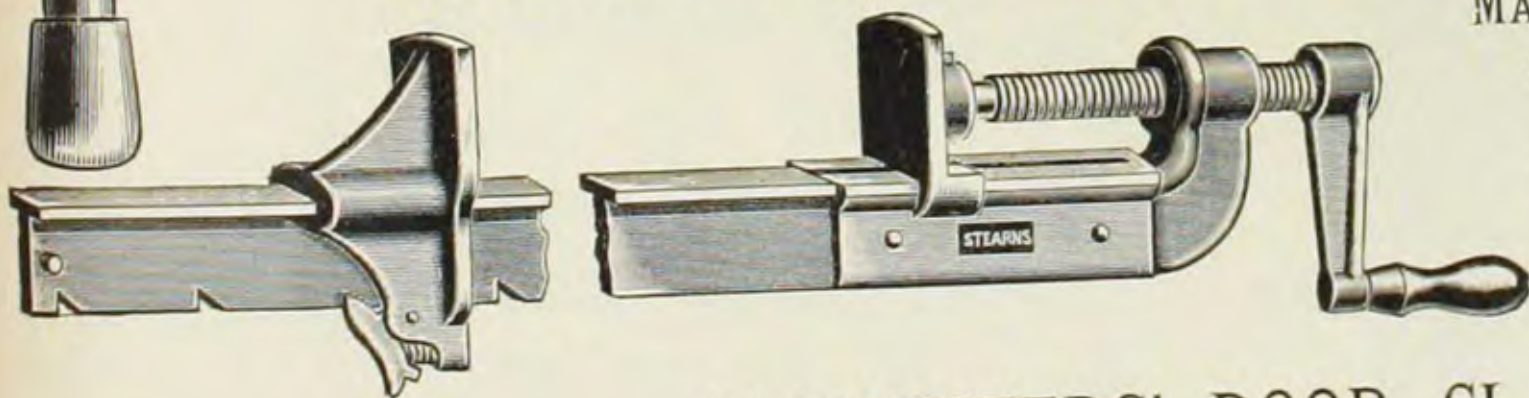
One dozen in a case.



BIRCH

Size, inches, 2 2 1/2 2 3/4
Per dozen, \$3.30 3.75 6.00
Two dozen in a case.

STEARNS' STEEL BAR CARPENTERS' CLAMPS

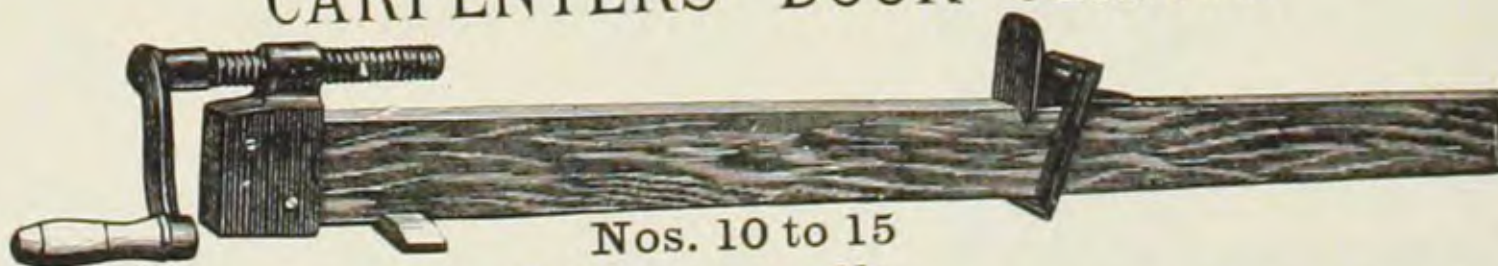


MALLEABLE CRANK EBONIZED HANDLE
JAPANNED WROUGHT IRON SCREW

Length, ft.,	2	2 1/2	3	4
Per pair,	\$3.00	3.75	4.00	4.50

Length, ft.,	5	6	7	8
Per pair,	\$7.50	8.50	9.50	11.00

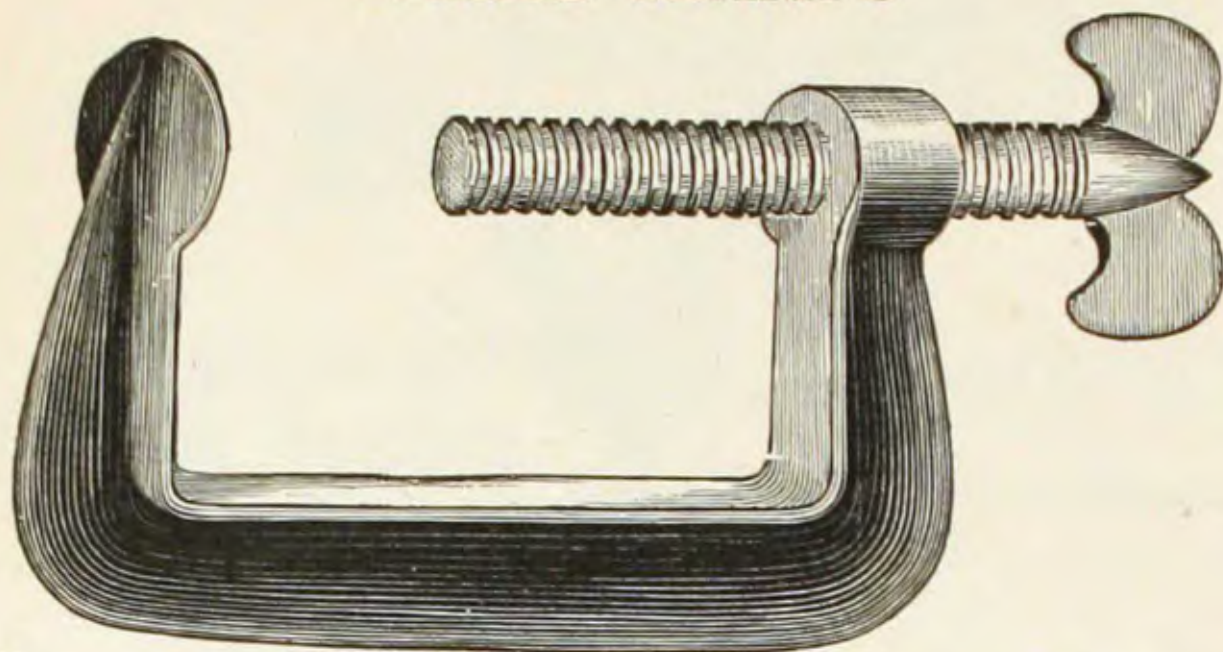
CARPENTERS' DOOR CLAMPS



No.	Description	Nos. 10 to 15	No.	Description	Per dozen.
5	Not Mounted,	\$14.00	12	Mounted, Wood, 5 ft. long,	\$24.00
10	Mounted, Wood, 4 ft. long,	21.00	15	" " 6 " "	26.00



CABINET MAKERS' OR QUILT FRAME CLAMPS

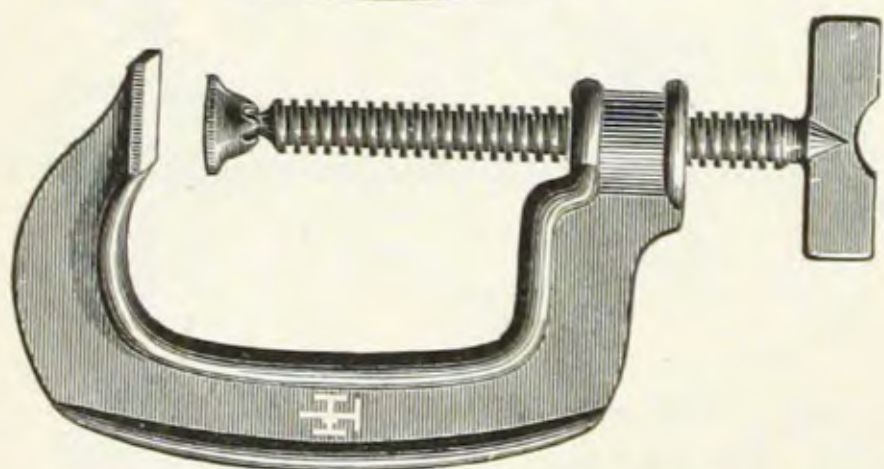
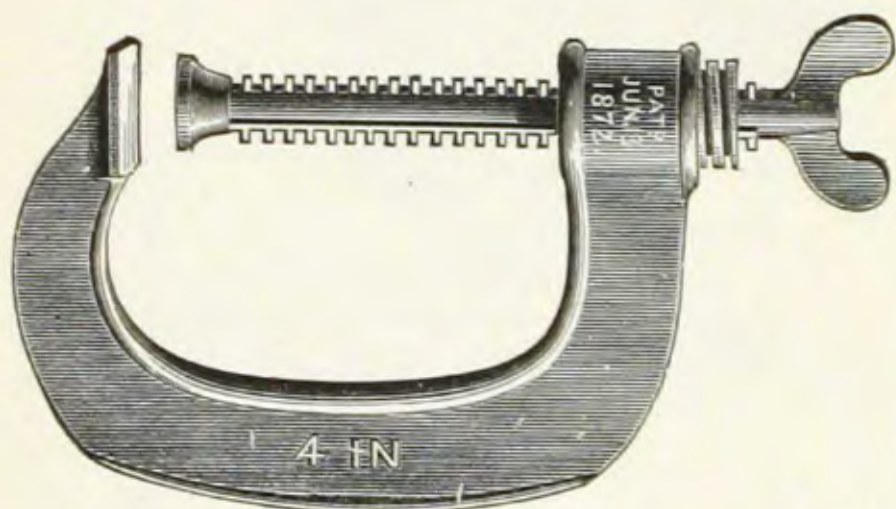


No.	Description	Per dozen.
1	Japanned, opens 2 1/4 inches,	\$0.65
2	" " 2 1/4 " Heavy,	.85
3	" " 4 " " "	1.30

WITH SWIVEL ON END OF SCREW

No.	Description	Per dozen.
21	Japanned, opens 2 1/4 inches,	\$1.00
23	" " 3 " " "	1.25

One dozen in a box.



HAMMER'S CLAMPS. ADJUSTABLE MALLEABLE IRON

By turning the Bolt one-quarter turn to the left, it can be moved its full length out or in; when turning it to the right, it operates like any other screw.

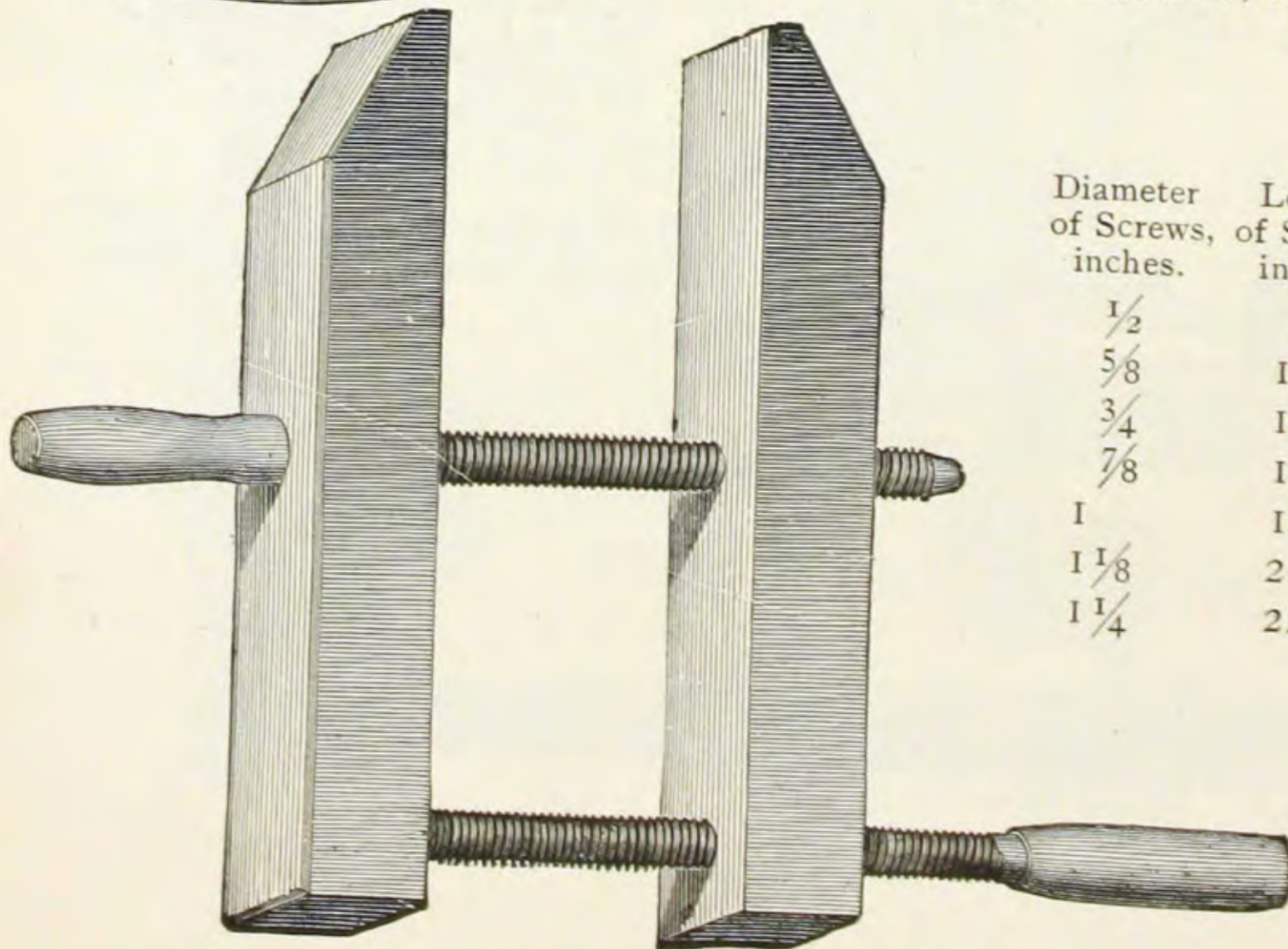
Open, inches,	3	4	5	6	8
Per dozen,	\$4.50	6.50	7.50	9.00	11.50

3 and 4 inches, one dozen in a box; 5 and 6, half dozen.

HAMMER'S PLAIN CLAMPS MALLEABLE IRON, HEAVY

Open, inches,	2	3	4	5	6	8
Per dozen,	\$2.25	4.00	6.00	7.00	8.75	11.00

2, 3, and 4 inches, one dozen in a box; 5 and 6, half dozen.



HAND SCREWS

Diameter of Screws, inches.	Length of Screws, inches.	Length of Jaws, inches.	Size of Jaws, inches.	Opens, inches.	Per dozen.
1/2	9	7	1 1/8 x 1 1/8	4	\$2.25
5/8	10	8 1/2	1 3/8 x 1 3/8	4 1/4	2.50
3/4	12	10	1 1/2 x 1 3/4	5 1/4	3.50
7/8	16	14	2 x 1 7/8	8	5.00
1	18	16	2 3/8 x 2 3/8	9	6.25
1 1/8	20	18	2 1/2 x 2 1/2	10 1/2	7.00
1 1/4	24	20	2 3/4 x 3	13	8.00

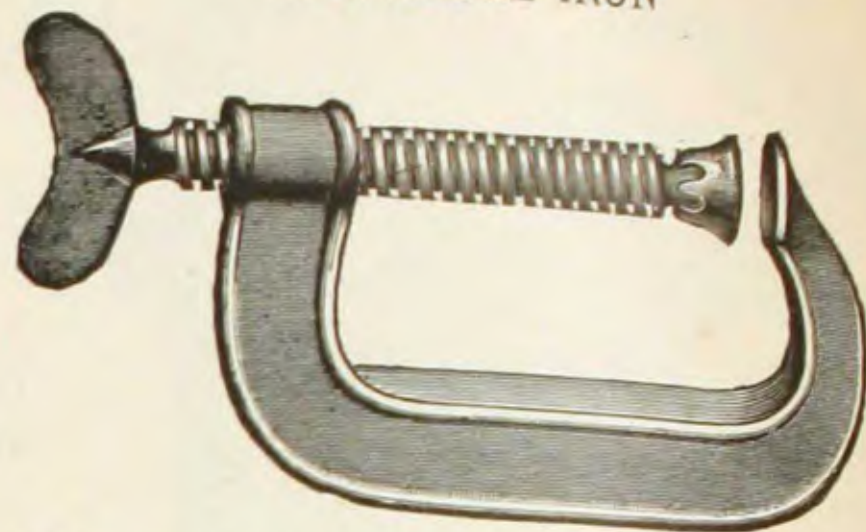
HAND SCREWS WITH HICKORY SCREWS

Same sizes and list prices as above.

One dozen in a case.



EAGLE SCREW CLAMPS MALLEABLE IRON



These Clamps are made with Swivel Head on end of Screw, and also have a rib running around the sides.

Open, in.,	2	2 1/2	3	4	5
Per doz.,	\$5.00	6.00	7.00	10.00	12.00

Open, in.,	6	7	8	10	12
Per doz.,	\$16.00	20.00	25.00	30.00	36.00

2 to 6 inches, half dozen in a box; 7 to 12 inches, quarter dozen in a box.

M. C. OGDEN'S BEST CAST STEEL SHEARS AND SCISSORS

JAPANNED HANDLES, WITH NICKEL-PLATED BLADES, AND ALL NICKEL-PLATED

The quality of M. C. Ogden's Shears and Scissors is warranted in every respect, and they are guaranteed equal to any goods in the market.



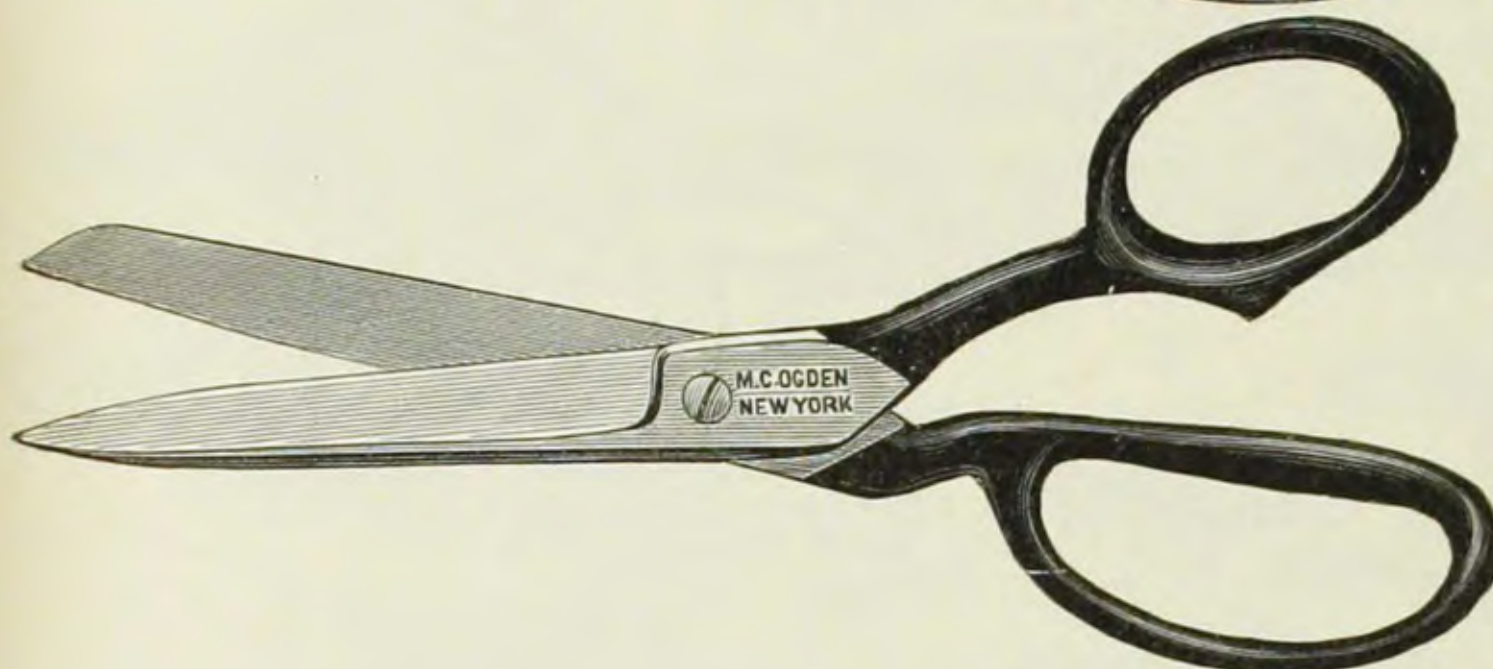
STRAIGHT TRIMMERS

JAPANNED HANDLES

Length, inches,	6	6½	7
Per dozen,	\$12.00	13.00	14.00
Length, inches,	7½	8	8½
Per dozen,	\$15.00	16.00	17.00
Length, inches,	9	10	11
Per dozen,	\$19.00	25.00	30.00
Length, inches,		12	13
Per dozen,		\$33.00	36.00

NICKEL-PLATED

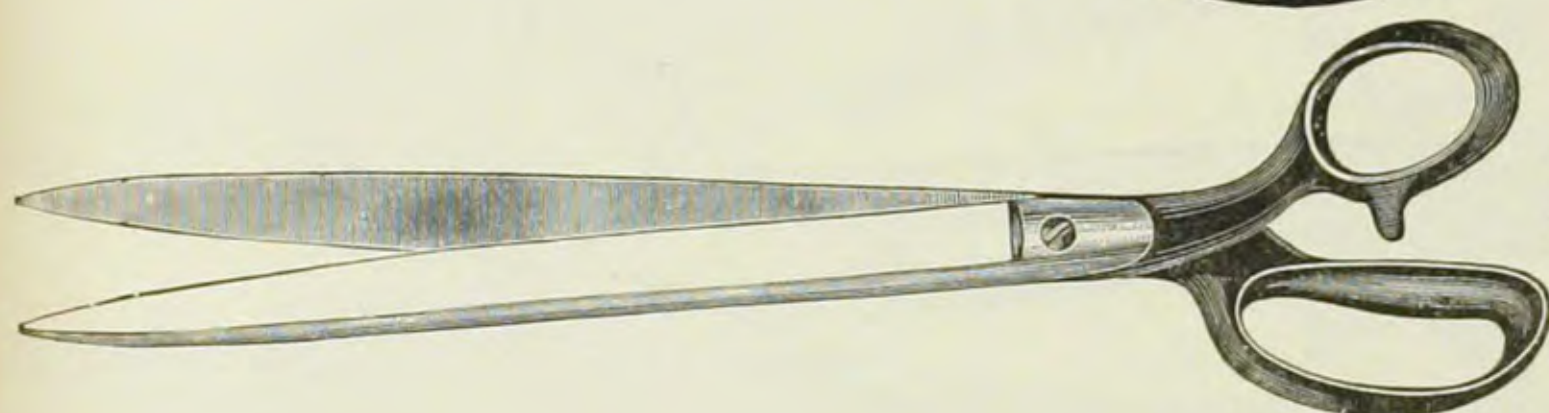
Length, inches,	6	6½	7
Per dozen,	\$12.00	13.00	14.00
Length, inches,	7½	8	8½
Per dozen,	\$15.00	16.00	17.00
Length, inches,	9	10	11
Per dozen,	\$19.00	25.00	30.00
Length, inches,		12	13
Per dozen,		\$33.00	36.00



BENT TRIMMERS

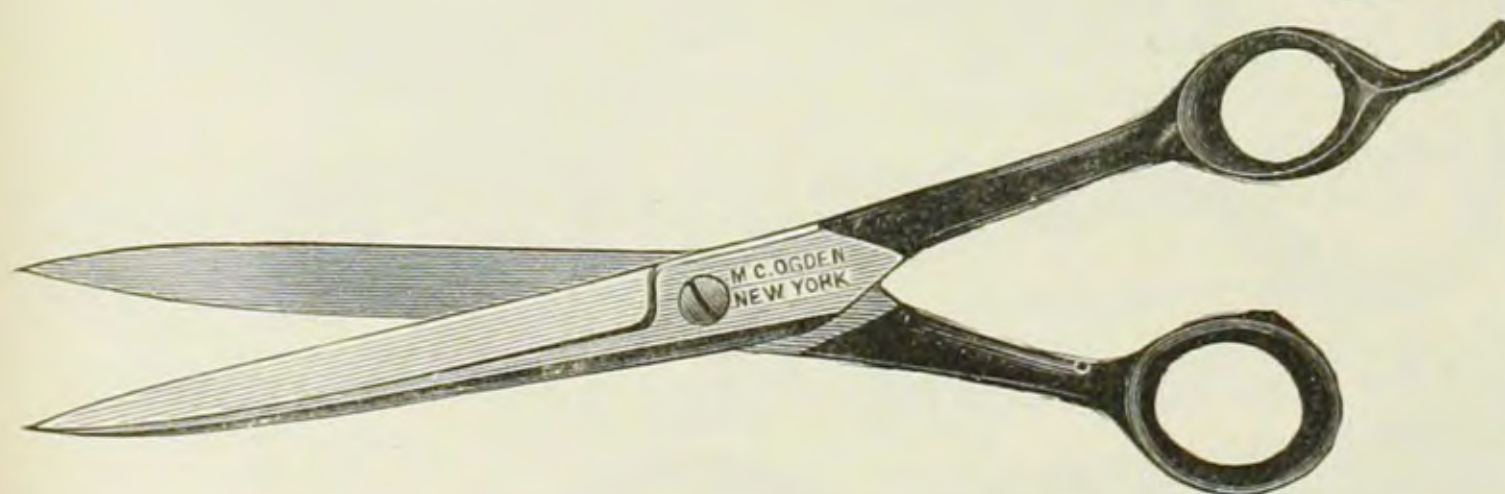
JAPANNED HANDLES

Length, inches,	7	7½	8
Per dozen,	\$15.00	16.00	17.00
Length, inches,	8½	9	10
Per dozen,	\$20.00	22.00	27.00
Length, inches,	11	12	13
Per dozen,	\$33.00	36.00	40.00



BANKERS' SHEARS WITH JAPANNED TRIMMER HANDLES

Length, inches,	9	10	11	12
Per dozen,	\$18.00	25.00	30.00	32.00
Length, inches,	13	14	15	16
Per dozen,	\$36.00	42.00	48.00	54.00



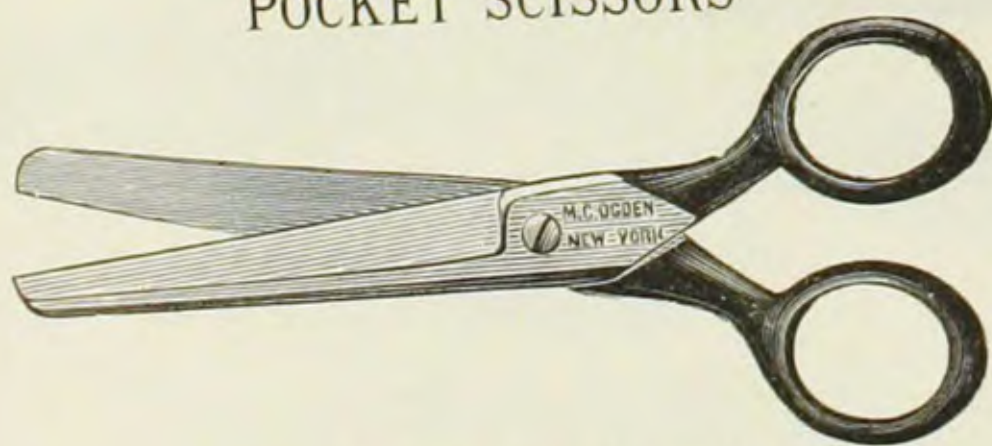
BARBERS' SCISSORS, LIPPED JAPANNED HANDLES

Length, inches,	8	8½	9	9½
Per dozen,	\$16.00	17.00	19.00	21.00

NICKEL-PLATED

Length, inches,	8	8½	9	9½
Per dozen,	\$16.00	17.00	19.00	21.00

POCKET SCISSORS



JAPANNED HANDLES

Length, inches,	4	4½
Per dozen,	\$10.50	11.00

NICKEL-PLATED

Length, inches,	4	4½
Per dozen,	\$10.50	11.00

LADIES' SCISSORS



JAPANNED HANDLES

Length, inches,	5	5½	6	6½	7
Per dozen,	\$11.00	11.50	12.00	14.00	15.00

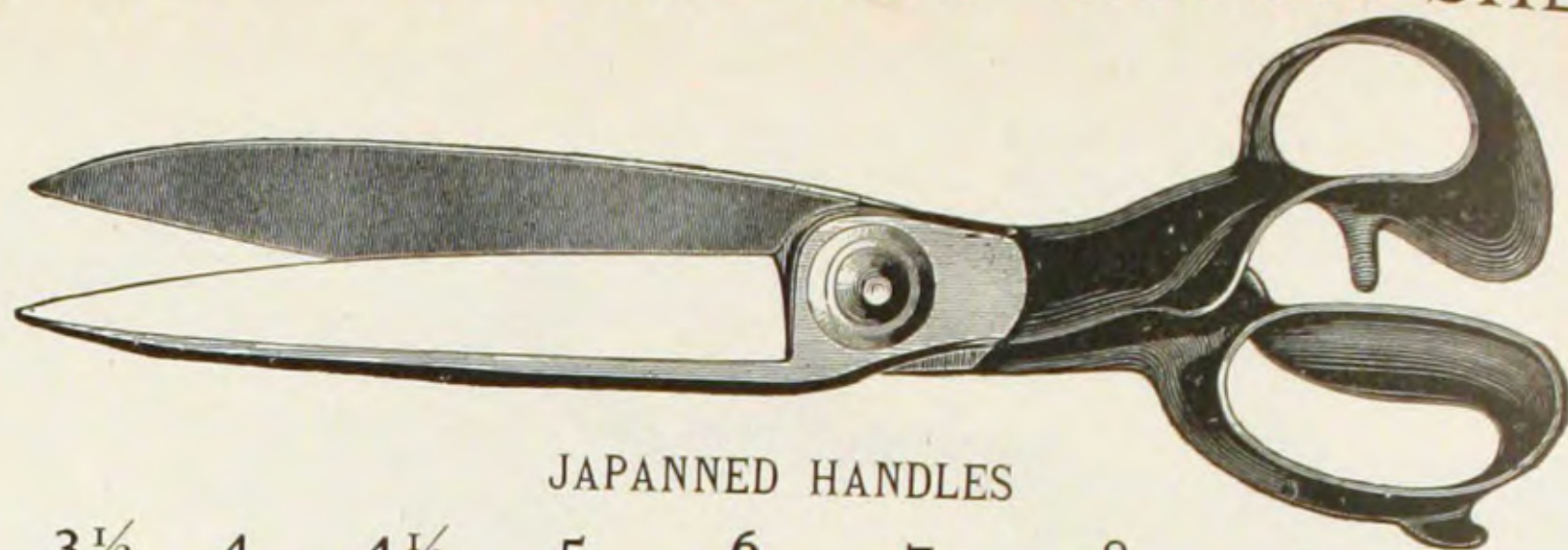
NICKEL-PLATED

Length, inches,	5	5½	6	6½	7
Per dozen,	\$11.00	11.50	12.00	14.00	15.00

All above, half dozen in a box.



R. HEINISCH'S SONS CO.'S TAILOR SHEARS



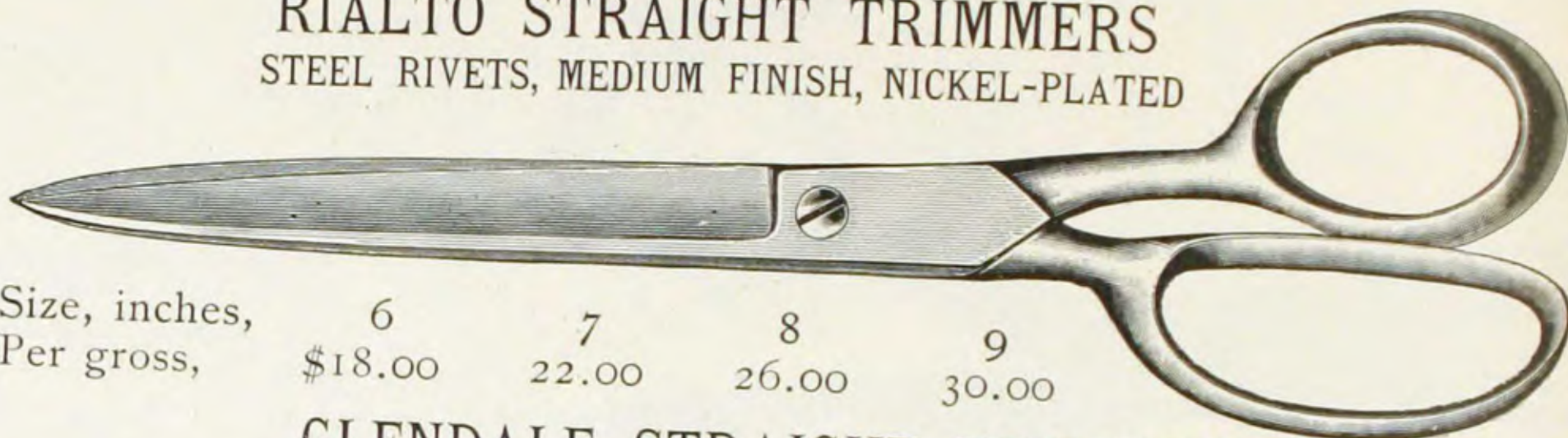
JAPANNED HANDLES

Nos.	3	3 1/2	4	4 1/2	5	6	7	8	9	10	11	12
Size, in.,	12	12 1/4	12 3/4	13	13	13 3/4	14	14 1/4	14 3/4	15 1/4	15 3/4	16 1/4
Per pair, \$	3.50	4.00	5.00	6.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00

One pair in a package.

RIALTO STRAIGHT TRIMMERS

STEEL RIVETS, MEDIUM FINISH, NICKEL-PLATED



Size, inches,	6	7	8	9
Per gross,	\$18.00	22.00	26.00	30.00

GLENDALE STRAIGHT TRIMMERS

IMPROVED BRASS BOLT AND NUT. SPRING BRASS WASHER
HEAVY PATTERN, FINE FINISH, HEAVILY NICKEL-PLATED



Size, inches,	6	7	8	9
Per gross,	\$32.00	36.00	40.00	44.00

Each Shear in an anti-rust pocket.
Above, half dozen in a box.

Japanned Handles,

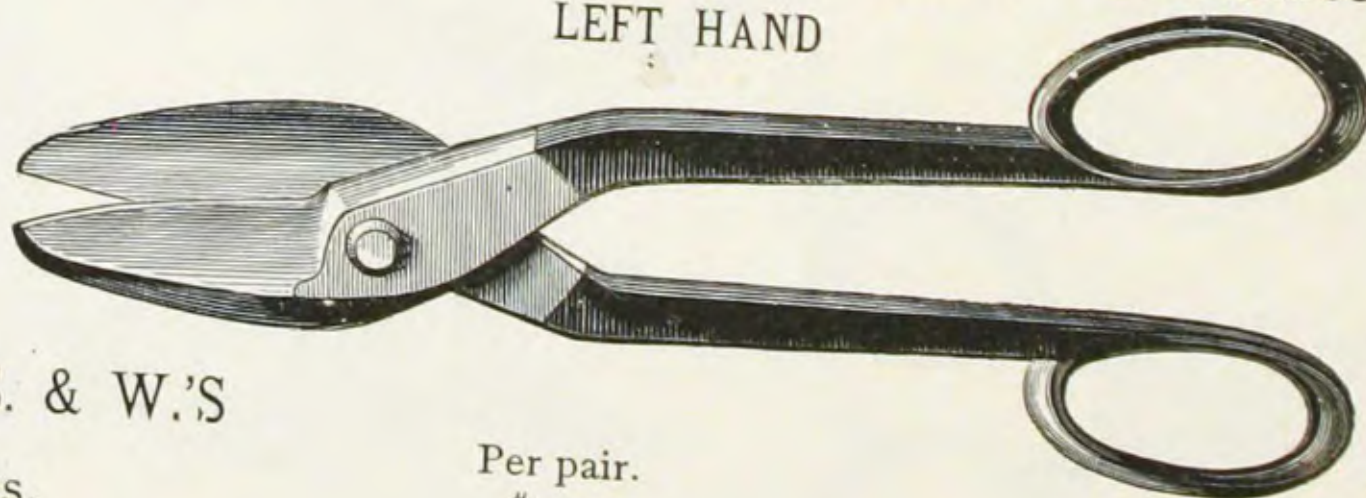
BARNARD'S LAMP TRIMMERS

One dozen in a box.

per dozen, \$5.00

TINNERS' CAST STEEL HAND SHEARS

LEFT HAND



P. S. & W.'S

No.	6 1/2	Cut 4 1/2 inches,
7	" 4	"
8	" 3 1/2	"
9	" 3	"
10	" 2 1/2	"
7	Circular,	
8	"	
9	"	
10	"	

Per pair.
\$3.00

2.50

2.00

1.50

1.40

3.50

3.00

2.50

2.25

No.

6 1/2

7

8

9

10

8

9

M. C. OGDEN'S

Cut 4 1/2 inches,	
" 4	"
" 3 1/2	"
" 3	"
" 2 1/2	"
Circular,	
"	

Per pair.

\$3.00

2.50

2.00

1.50

1.40

3.00

2.50



WILKINSON'S SHEARS

855

SHEEP SOLID STEEL

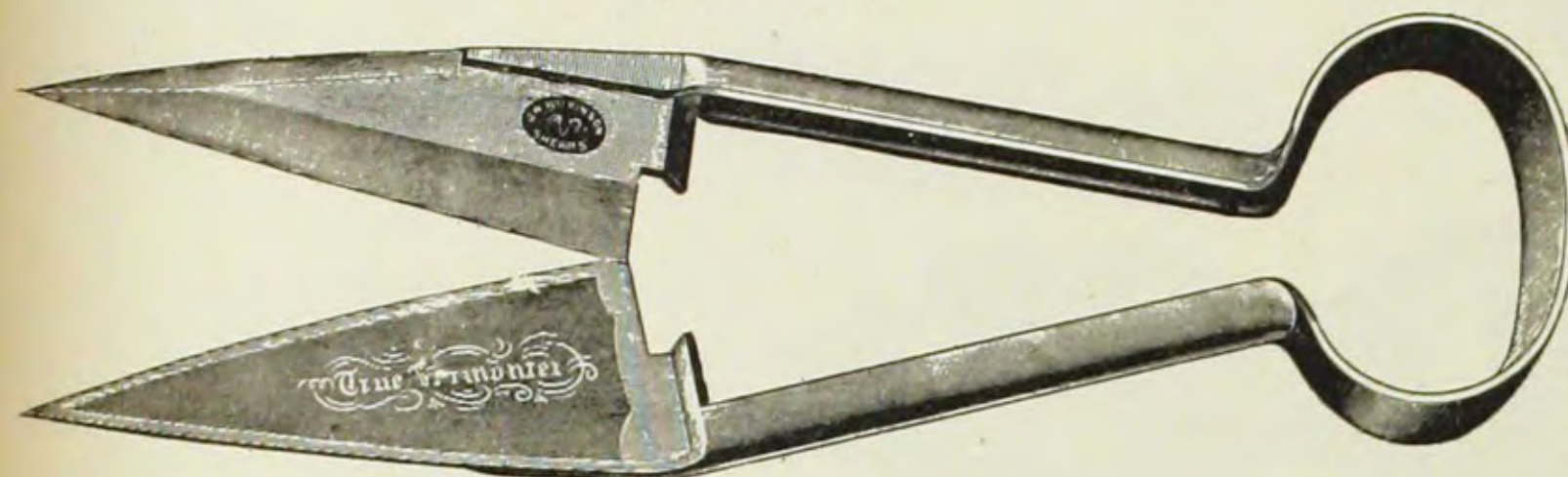
Per dozen.			
No.	Blades.	Size, in., 4½ to 5½	6
049	Half Polished,	\$6.50	\$6.80
050	" " Swaged,	6.75	7.25
054	Full " " " "	7.30	7.70
055	" " Swaged,	7.60	8.00



No. 050

SOLID STEEL

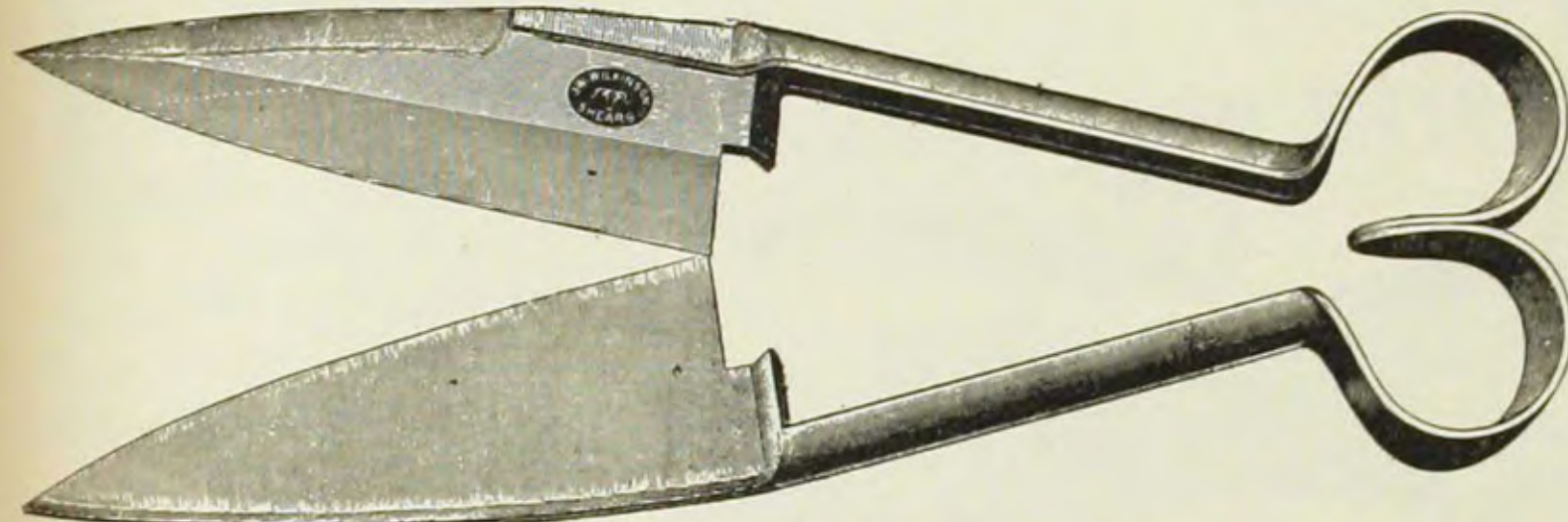
Per dozen.			
No.	Blades.	Size, in., 4½ to 5½	6
057	Full Polished,	\$9.50	\$10.00
061	Extra Polished,	11.65	12.10



No. 057

SOLID STEEL CALIFORNIA PATTERN

Per dozen.			
No.	Blades.	Size, in., 6	6½ 7
012	Full Polished,	\$9.50	9.90 10.25

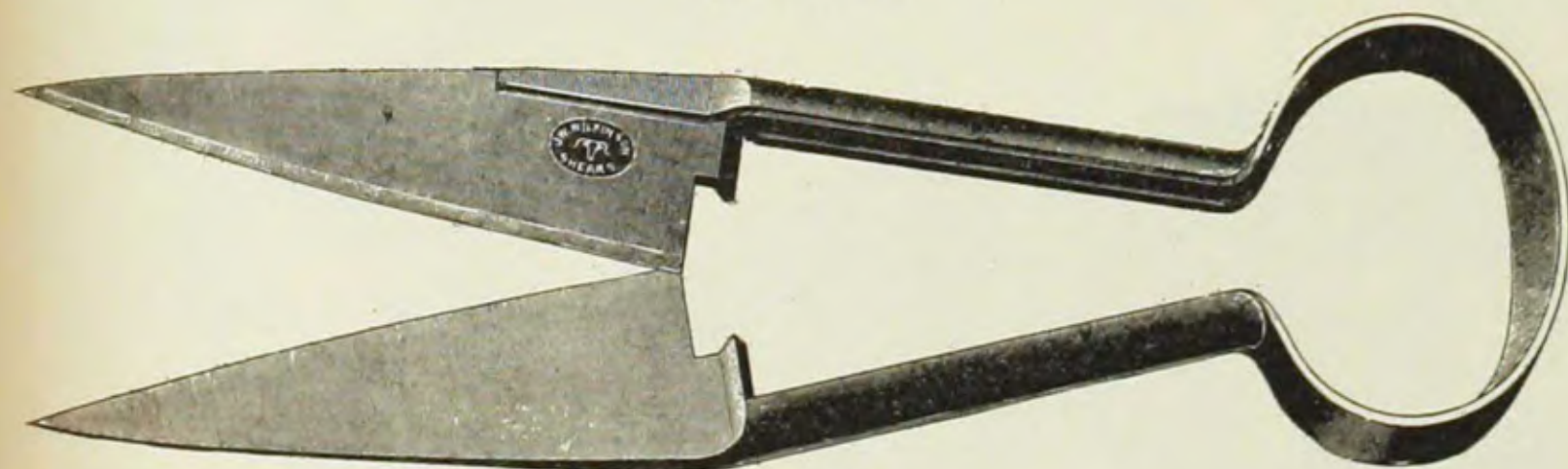


No. 012

GRASS SOLID STEEL

Per dozen.			
No.	Blades.	Size, inches, 5½	
1	Plain,	\$2.25	

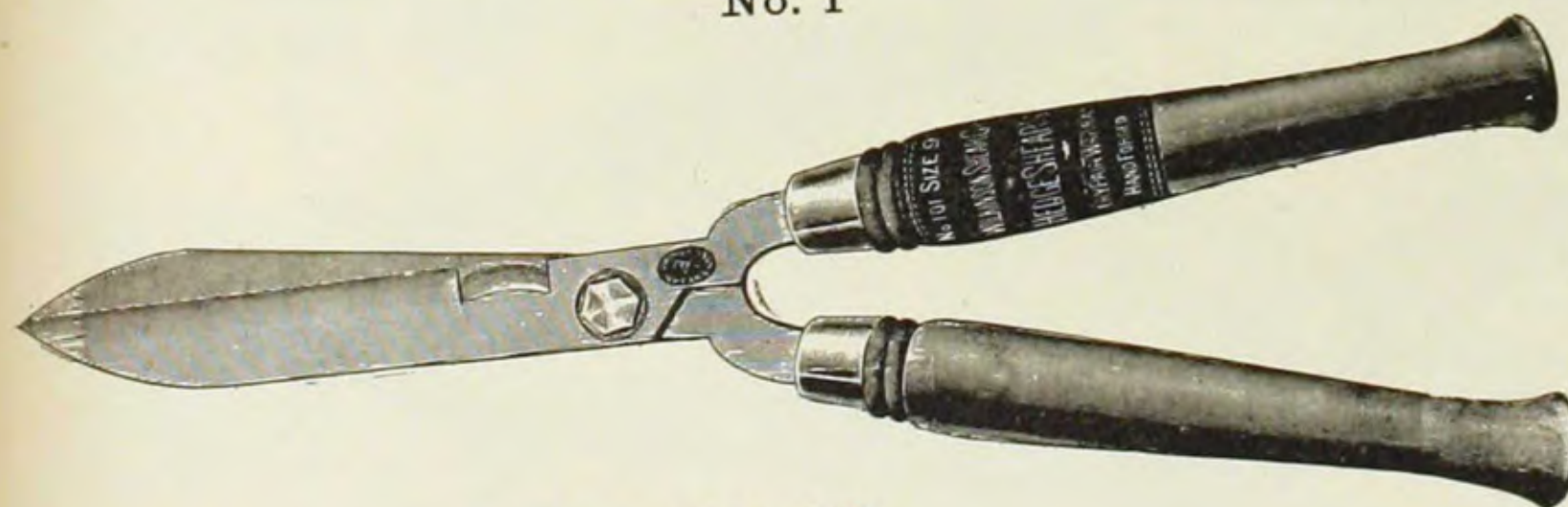
Above, half dozen pairs in a box.



No. 1

HEDGE

Size, inches.	No. 100 Plain, Per pair.	No. 101 Notched, Per pair.
8	\$1.60	\$1.80
9	2.00	2.25
10	2.30	2.50
11	2.60	2.80
12	3.50	3.75



No. 101

STANDARD TREE PRUNERS



Length, feet,
Each,

4
\$2.00

6
2.25

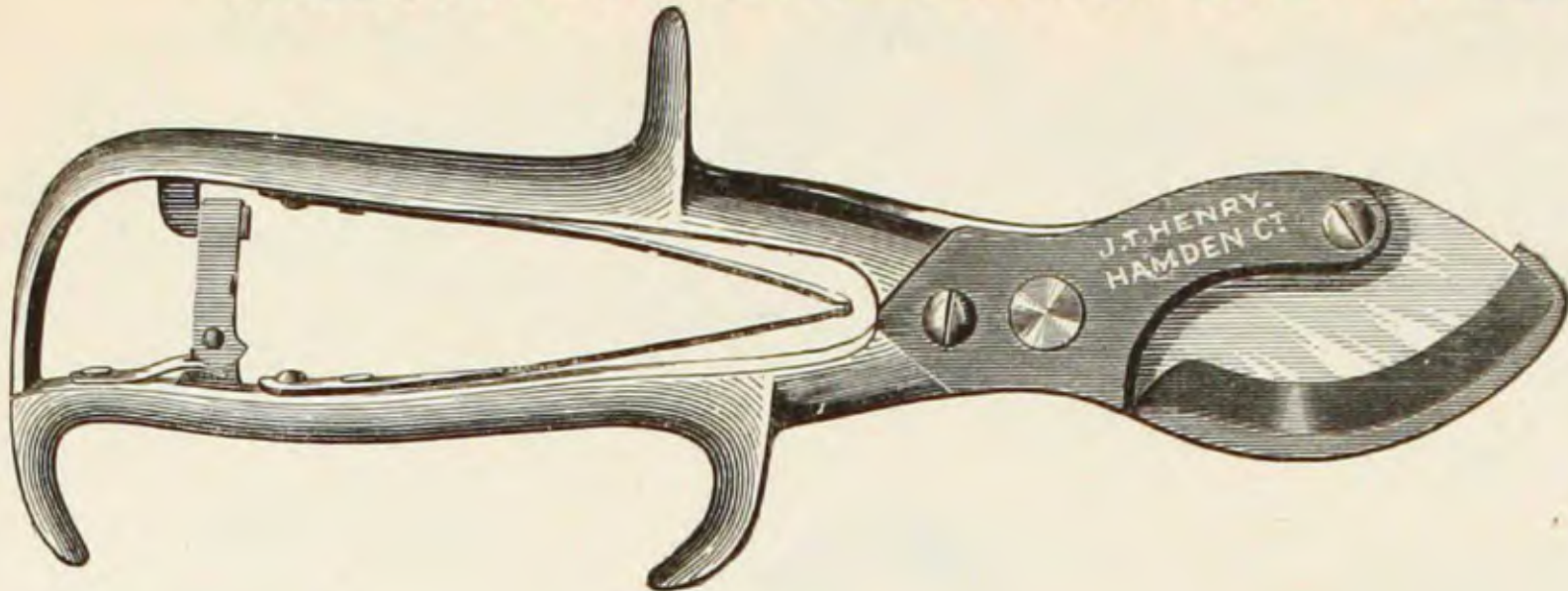
8
2.50

10
2.50

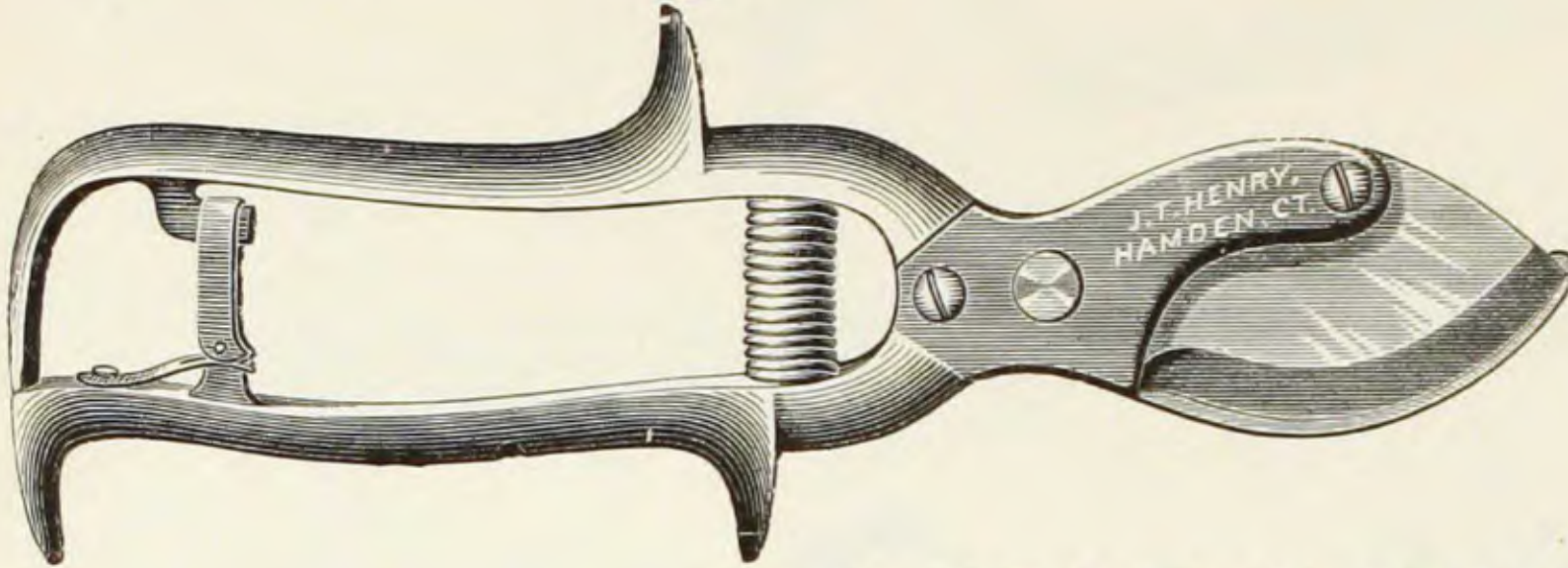
12
2.75



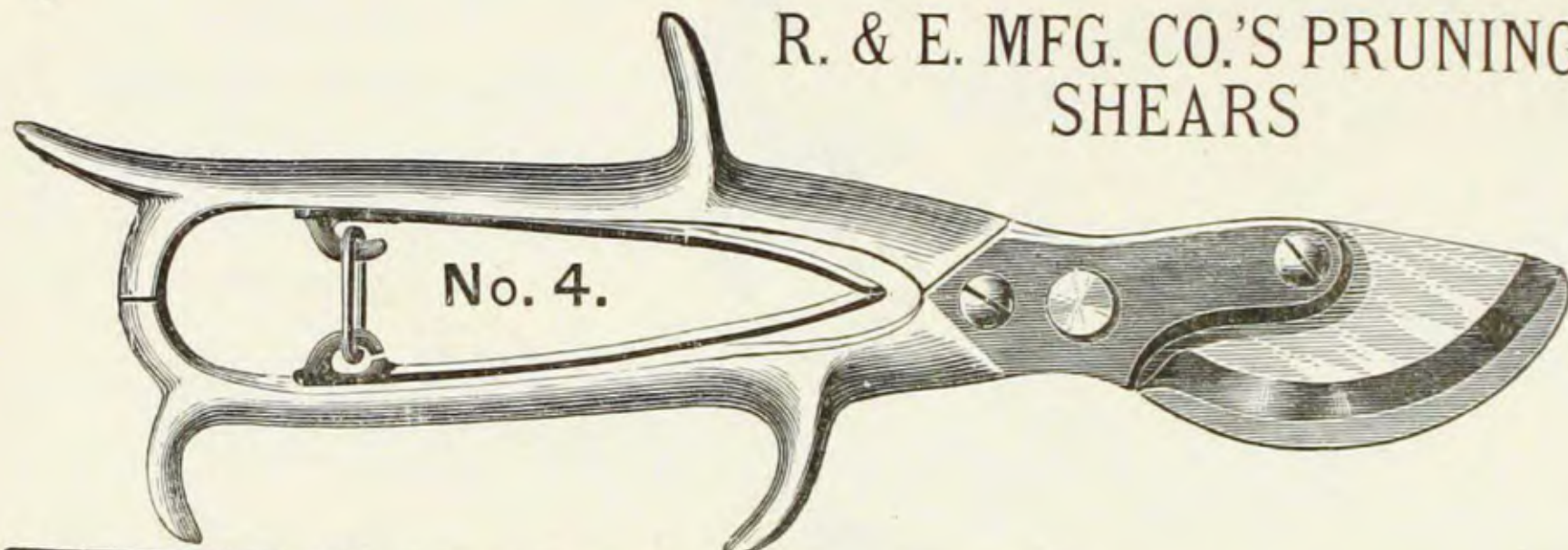
HENRY'S PRUNING SHEARS AND SHEEP TOE TRIMMERS



No. 1 Malleable Iron Handles, Best Cast Steel Blades, Sheet Brass Springs,
per dozen, \$10.00

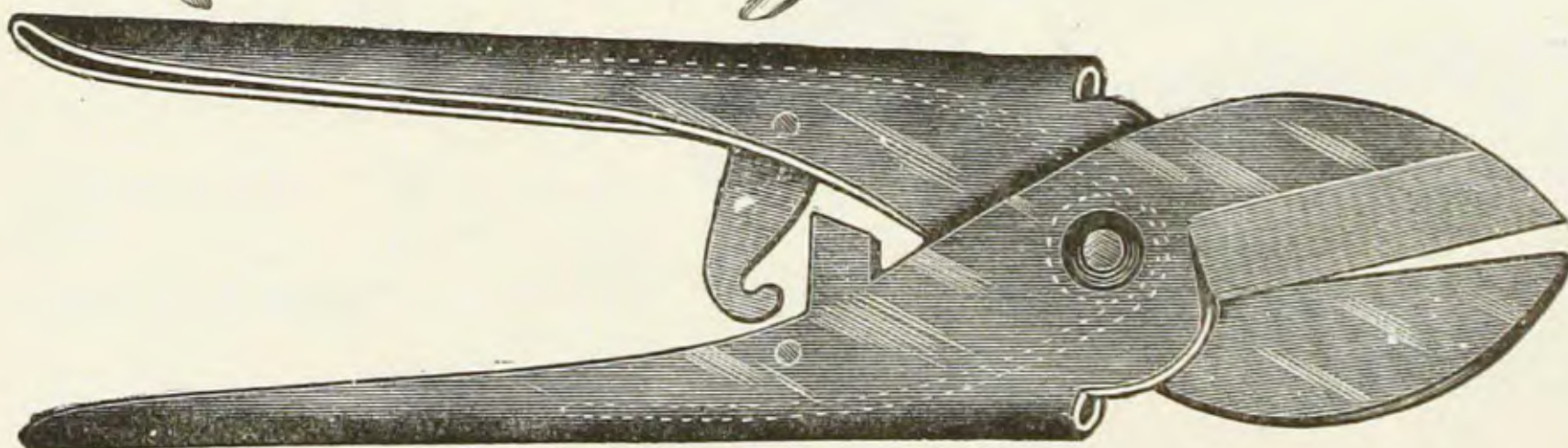


No. 2 Malleable Iron Handles, Best Cast Steel Blades, Spiral Brass Springs,
per dozen, \$10.00



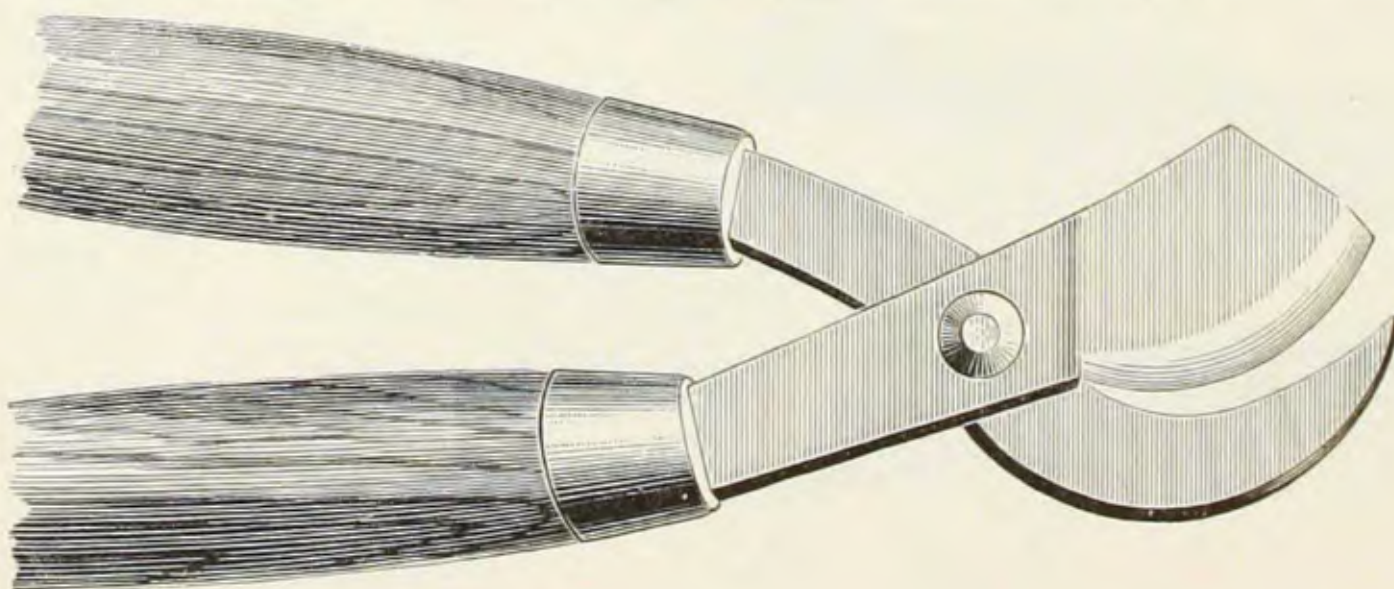
R. & E. MFG. CO.'S PRUNING SHEARS

No. 4 Sheet Brass Springs,
per dozen, \$9.00
3 Pattern as No. 4, with
Spiral Springs,
per dozen, \$9.00
20 Pattern as No. 2,
per dozen, \$9.00
All above, half dozen in a box.



CRONK'S STAR PRUNING SHEARS

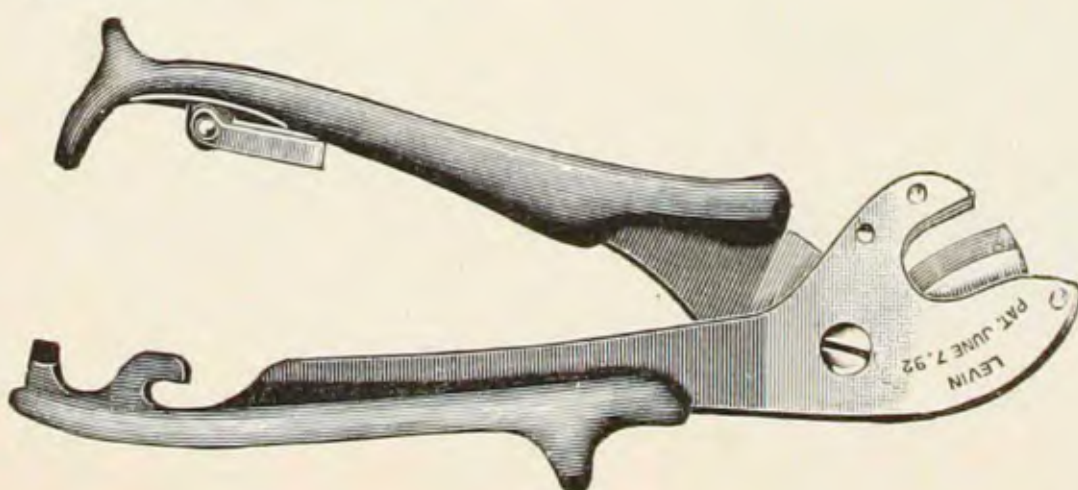
SOLID STEEL
FULLY WARRANTED
No. 400 8 inches,
per dozen, \$6.00
Half dozen in a box.



ROCKDALE PRUNERS

FULL LENGTH, 26 INCHES

No. 35 Will cut Sticks 1 1/4 inches diameter,
per dozen, \$18.00

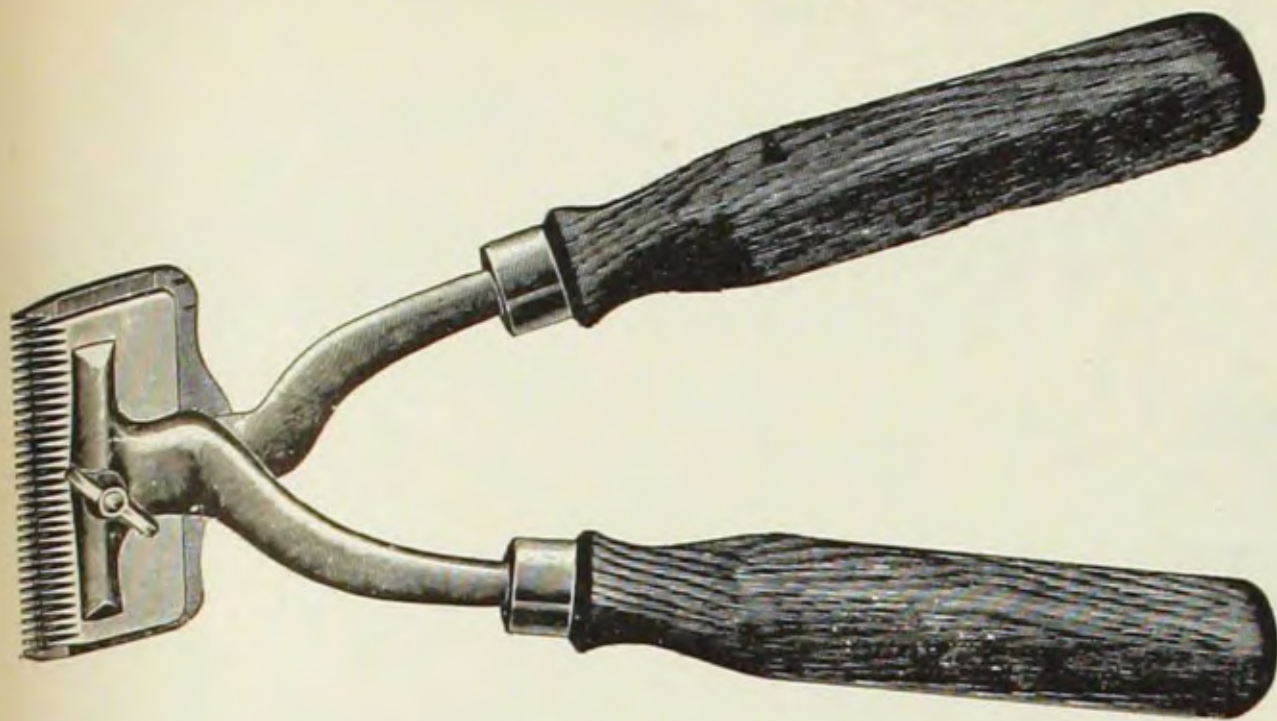


LEVIN'S PRUNERS

No. 23 Cuts 1/2 inch Dry Oak, weighs 7 1/2 ounces each, per dozen, \$9.00
No. 24 Cuts 3/4 inch Dry Oak, weighs 13 ounces each, per dozen, \$12.00
Half dozen in a box.



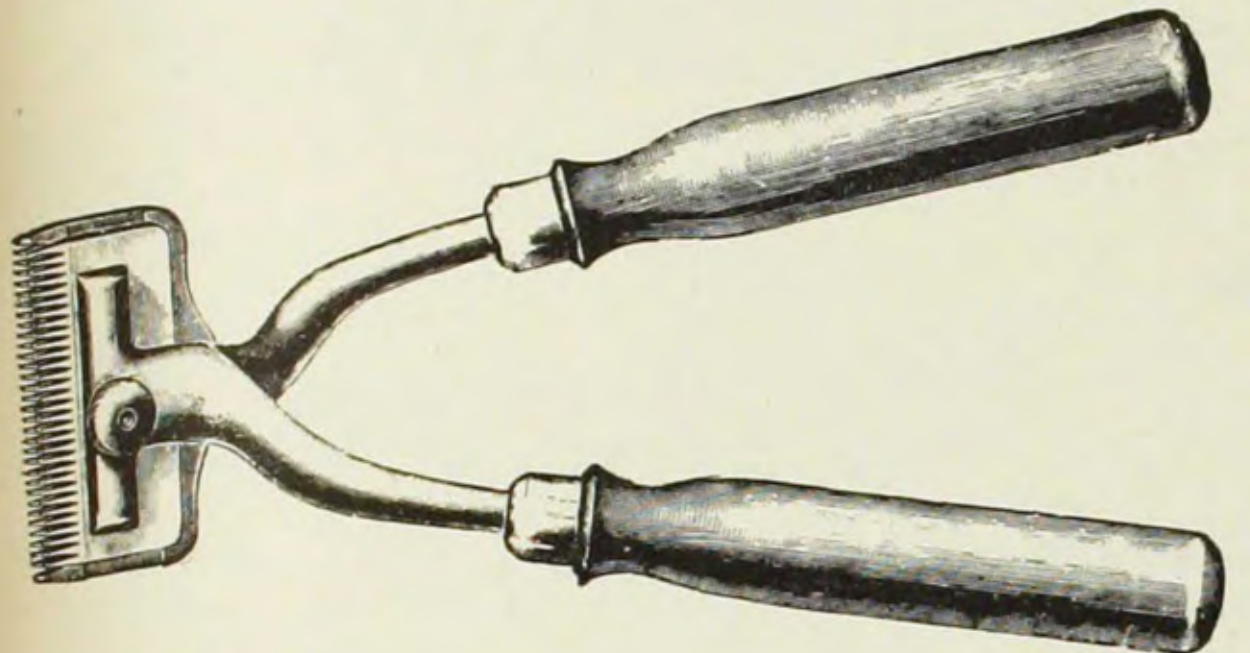
HORSE CLIPPERS



SINGLE SET SCREW

No. 41

per pair, \$1.15

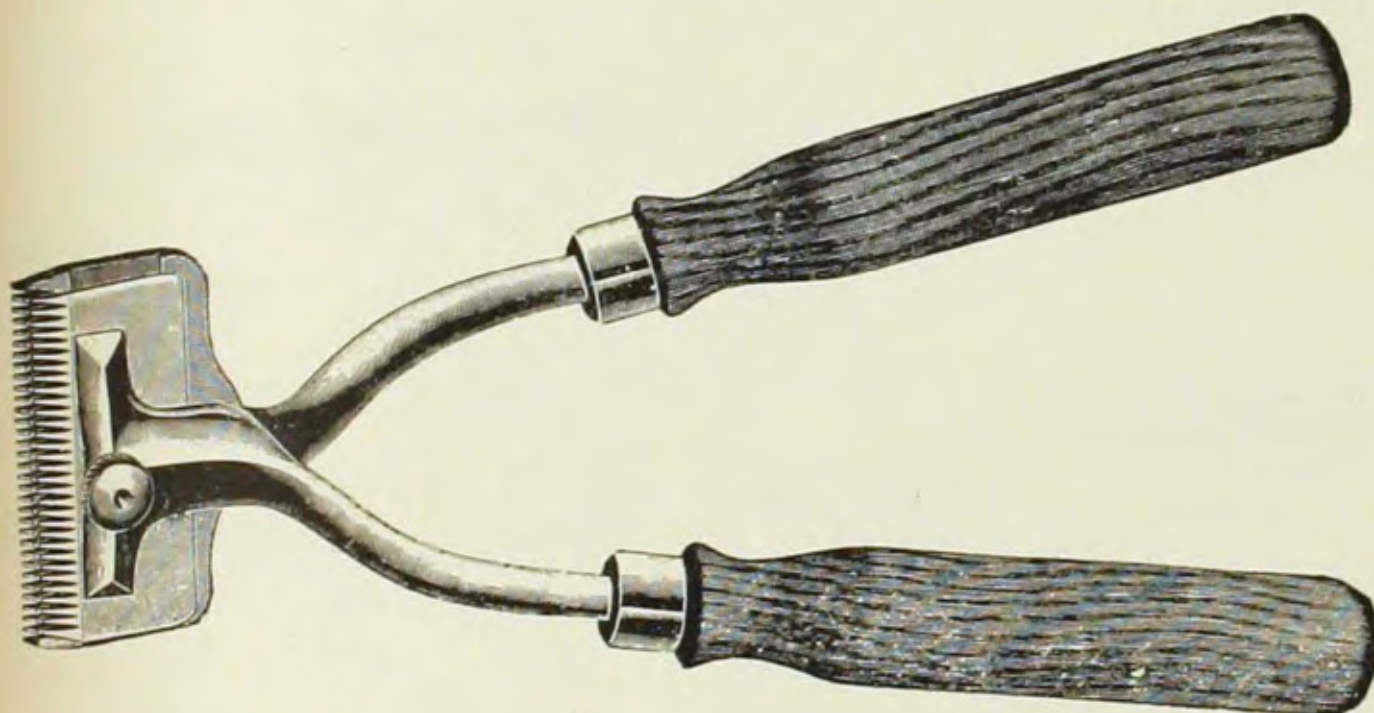


FINELY POLISHED

WITH ROSEWOOD FINISH HANDLES

No. 43

per pair, \$1.40



EXTRA QUALITY

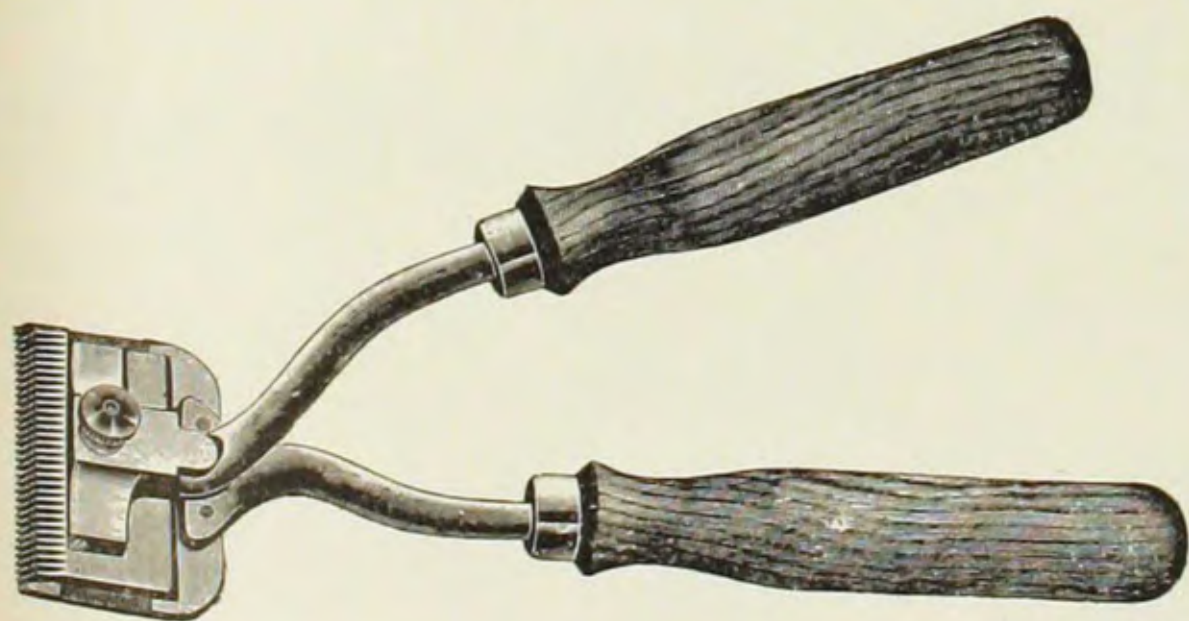
NICKEL-PLATED

A perfect Clipper in workmanship and finish and warranted to give general satisfaction.

FANCY ROSEWOOD HANDLES

No. 45

per pair, \$1.65



BALL BEARING

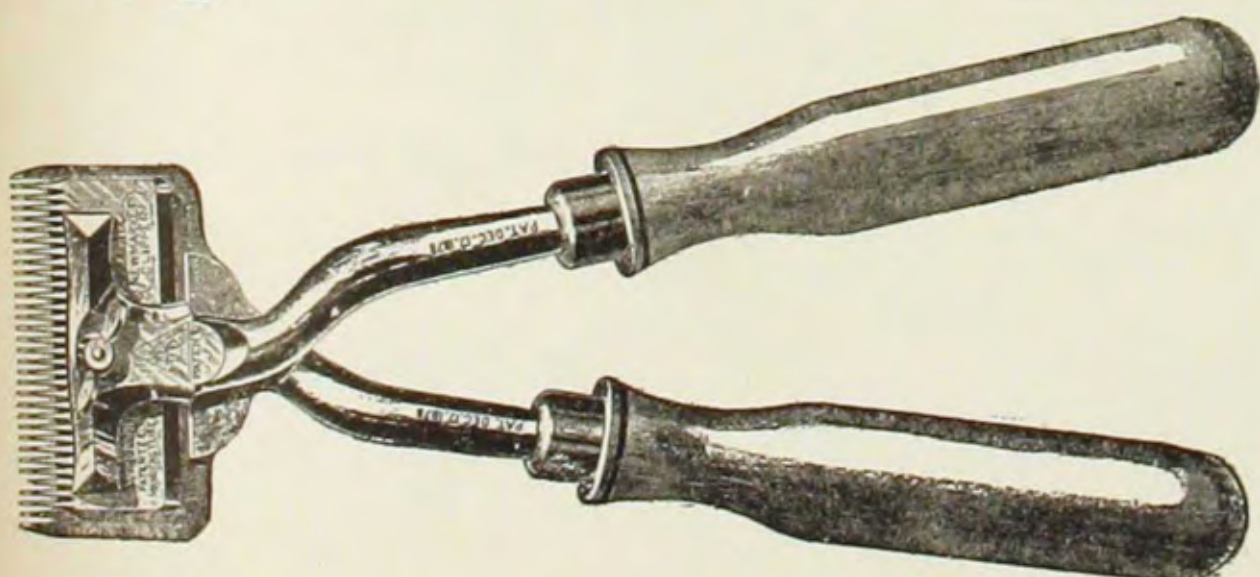
NICKEL-PLATED

This Clipper combines all the desirable features. Is perfect in workmanship and has anti-friction Ball Bearings.

FANCY ROSEWOOD HANDLES

No. 47

per pair, \$2.75



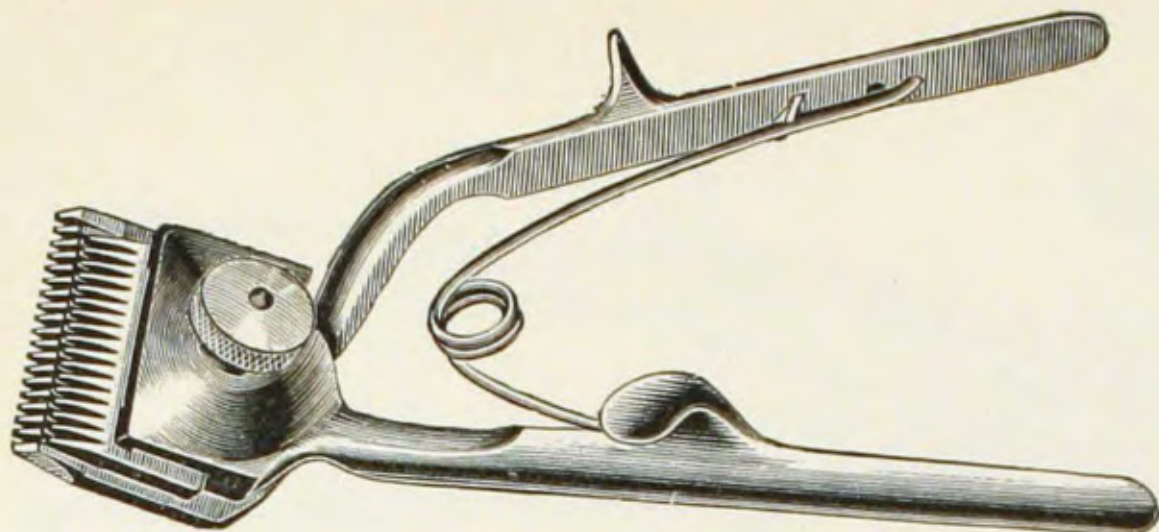
W. BOWN'S NEWMARKET

Per pair,

\$3.16

All above, one pair in a box.





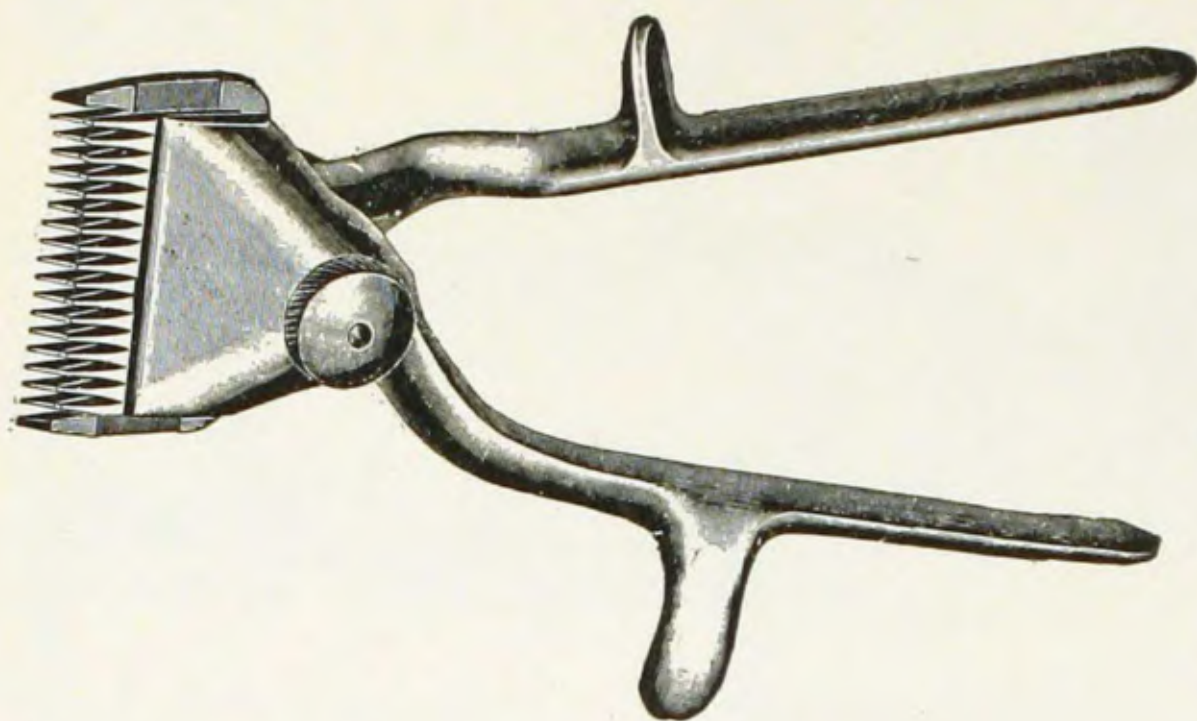
TOILET CLIPPERS

NICKEL-PLATED

Patent Thumb-screw Cap, Adjustable Spring, made of best music wire, giving two adjustments.

No. 21

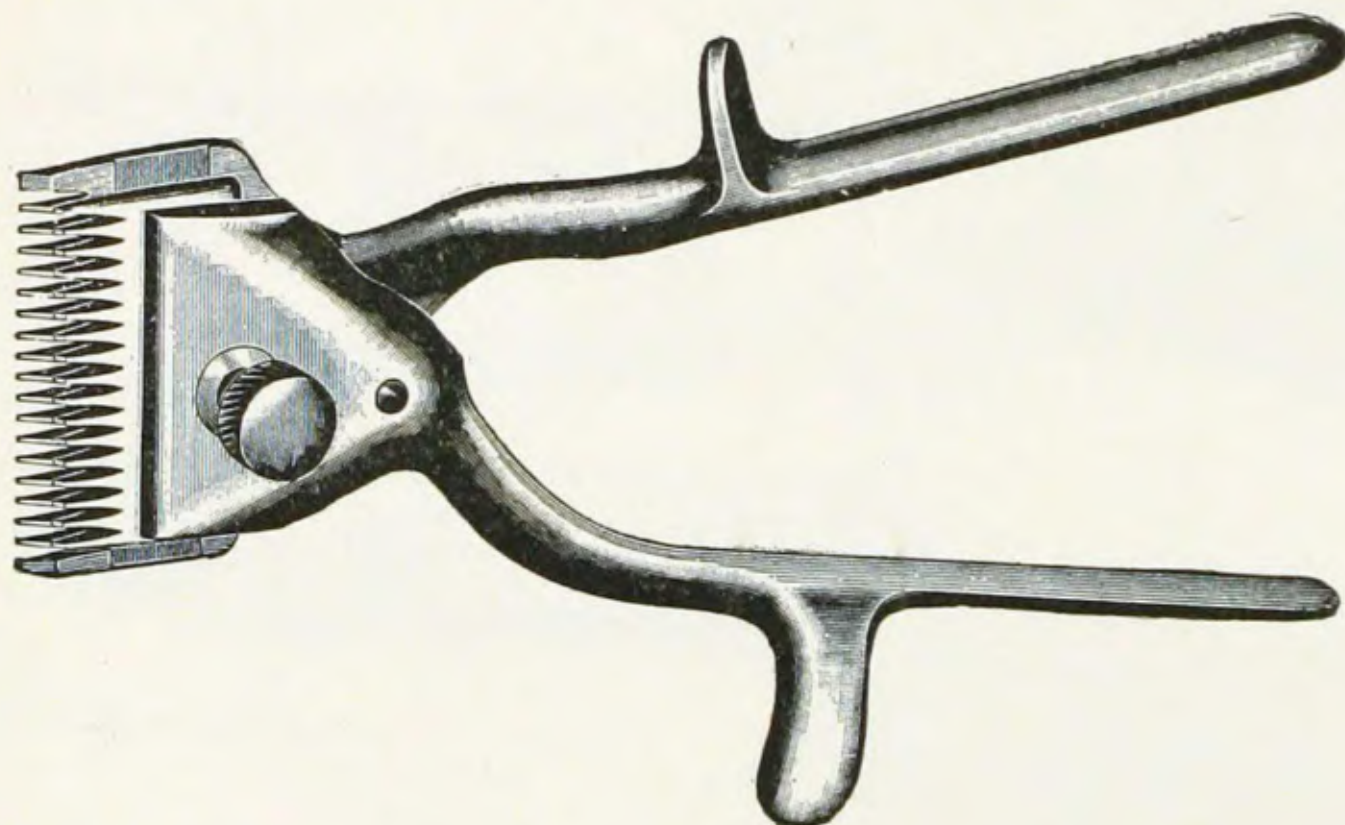
per pair, \$1.00



WITH CONCEALED SPRINGS

No. 23

per pair, \$1.00



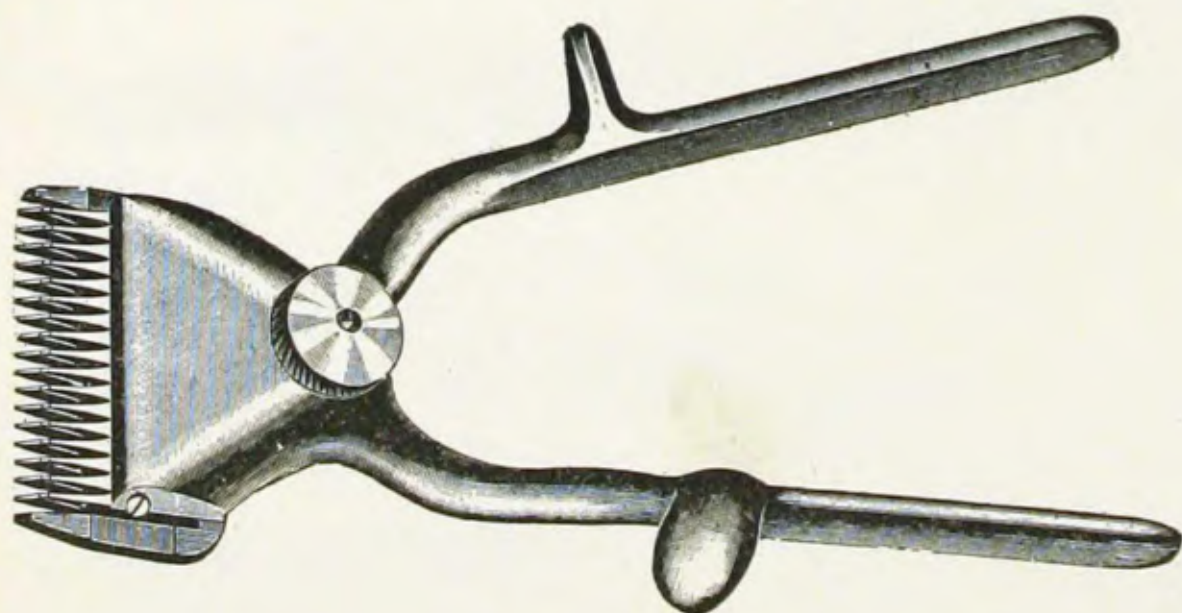
FLUTED BOTTOM

WITH CONCEALED SPRINGS

Special care is taken in the grinding of this Clipper. Has fine cutting qualities and extra finish. Separate set-screw for adjusting blade.

No. 25

per pair, \$1.50



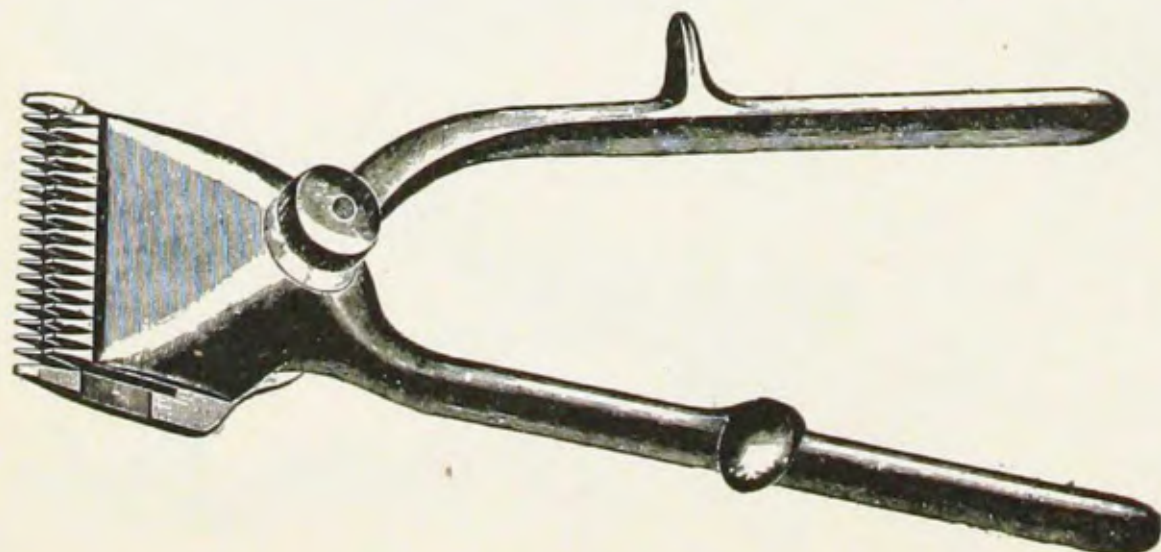
BALL BEARING

ANTI-FRICTION WITH FLUTED BOTTOM

This Clipper is of the highest grade and adapted for fine Barbers' use.

No. 27

per pair, \$2.00



FETLOCK CLIPPERS

WITH POWERFUL CONCEALED SPRING

Per pair,

\$1.75



FOSTER BROS'. BUTCHERS' CUTLERY

BUTCHER AND STEAK KNIVES



Size, inches,	4	4½	5	5½	6	6½
Per dozen,	\$2.20	2.20	2.20	2.60	3.00	3.40
Size, inches,	7	8	9	10	11	12
Per dozen,	\$4.00	5.20	6.40	8.00	9.60	11.20

STICKING KNIVES



Size, inches,	5	5½	6	6½	7	8
Per dozen,	\$2.20	2.60	3.00	3.40	4.00	5.20

SKINNING KNIVES



Size, inches,	4½	5	5½	6	6½	7	8
Per dozen,	\$2.20	2.20	2.60	3.00	3.40	4.00	5.20

BONING KNIVES



Size, inches,	6	6½	7
Per dozen,	\$3.00	3.40	4.00

HAM KNIVES



10 inches, per dozen, \$5.00

BREAD KNIVES



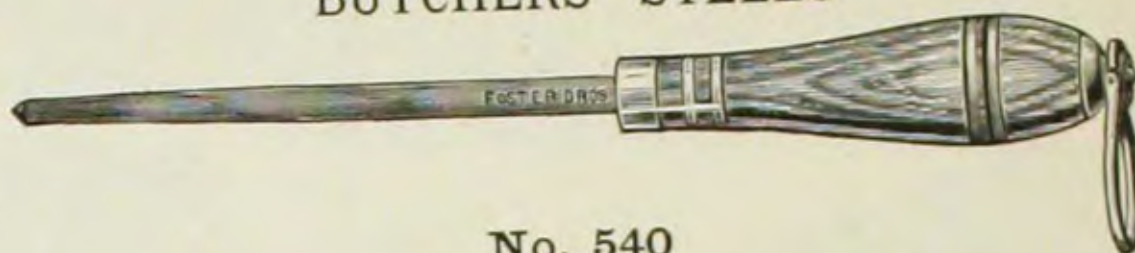
9 inches, per dozen, \$4.00
All above, half dozen in a box.

CIGAR BOX OPENERS



Cast Steel, per dozen, \$5.00
One dozen in a box

BUTCHERS' STEELS

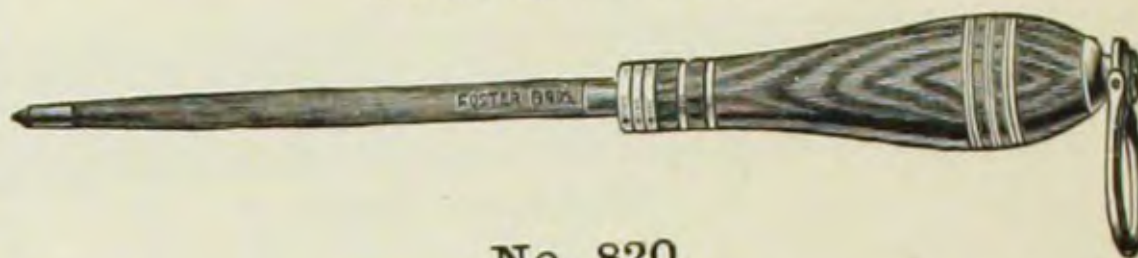


No. 540

CHERRY HANDLE, STEEL SWIVEL

Size, inches,	8	10	12	14
Per dozen,	\$4.80	7.40	9.60	12.40

8 inch has no Swivel.



No. 820

COCOBOLO HANDLE, INLAID, STEEL SWIVEL

Size, inches,	10	12	14	16
Per dozen,	\$11.40	13.60	16.40	19.20



No. 661

STAG HANDLE, STEEL SWIVEL

Size, inches,	10	12	14
Per dozen,	\$11.40	13.60	16.40

KITCHEN SLICERS



No. 45

Size, inches,	9	10	12
Per dozen,	\$7.00	8.50	10.00

All above, half dozen in a box.

PARING KNIVES



3 inches, per dozen, \$1.00
Six dozen in a box.

OYSTER KNIVES

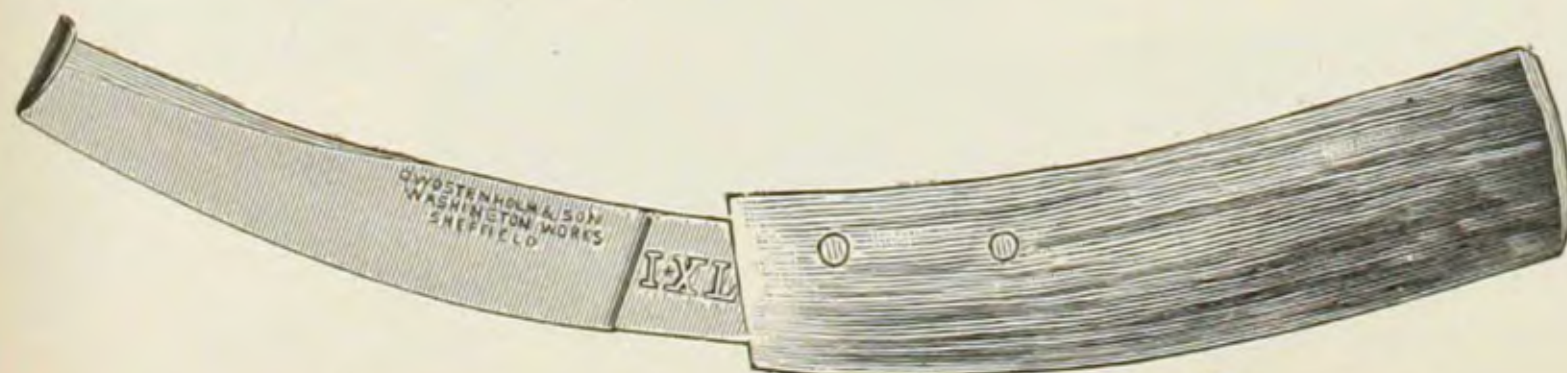


Black Handle, Blade Polished,
Half Polished, Blade and Edges,
Full Polished,

per dozen, \$4.25
" " 4.75
" " 5.25

One dozen in a box.

FARRIERS' KNIVES



Wilkinson's,
Wostenholm's,

per dozen, \$3.00
" " 3.25

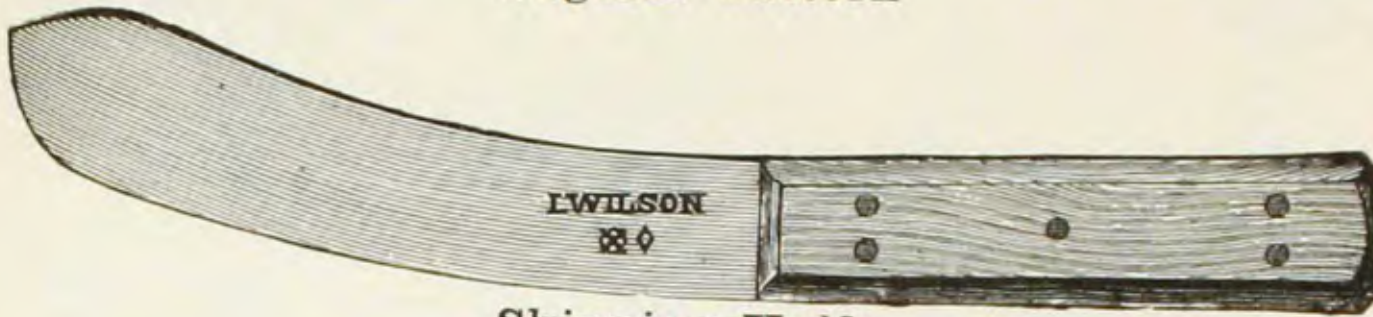
Half dozen in a package.



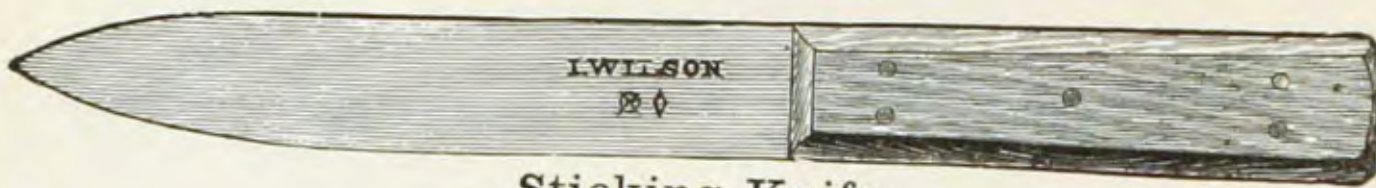
JOHN WILSON'S BUTCHERS' KNIVES AND STEELS



Regular Pattern



Skinning Knife



Sticking Knife

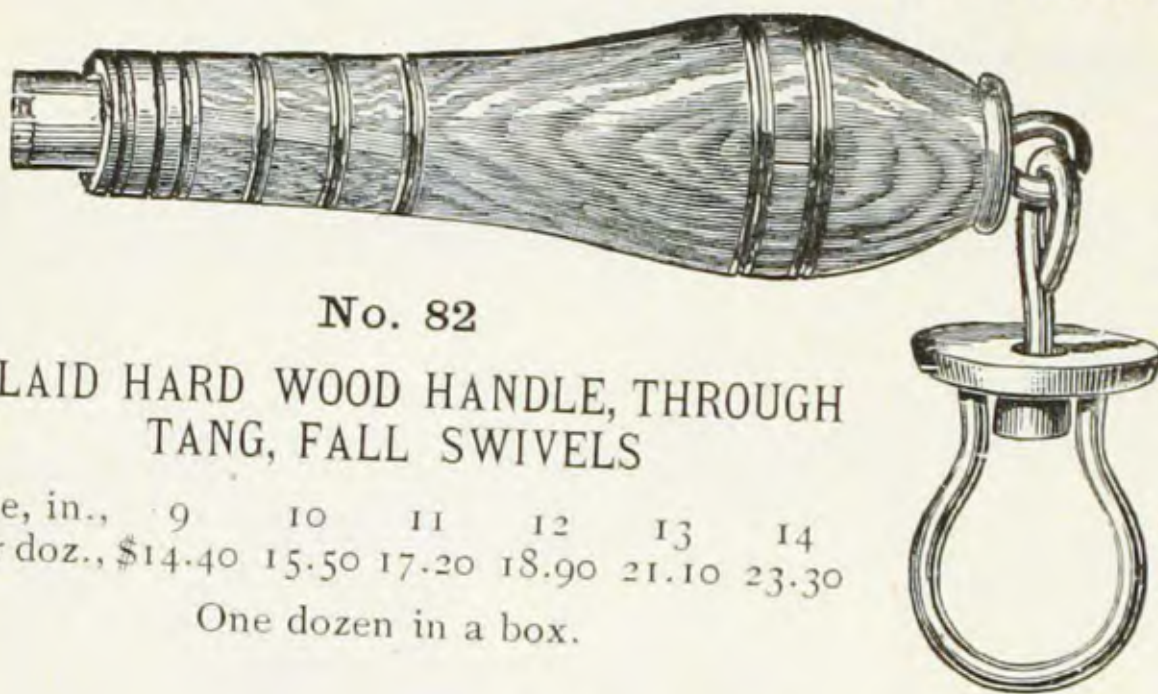
BUTCHERS' KNIVES

BEECHWOOD HANDLES

Nos.	026	26	27	28
Size, inches,	4½	5	5¼	5½
Per dozen,	\$3.20	3.60	4.00	4.20
Nos.	29	30	43	44
Size, inches,	6	6½	7	8
Per dozen,	\$4.80	5.90	7.00	8.90
Nos.	45	46	48	86
Size, inches,	9	10	12	14
Per dozen,	\$10.70	13.30	20.00	29.10

One dozen in a box.

BUTCHERS' STEELS

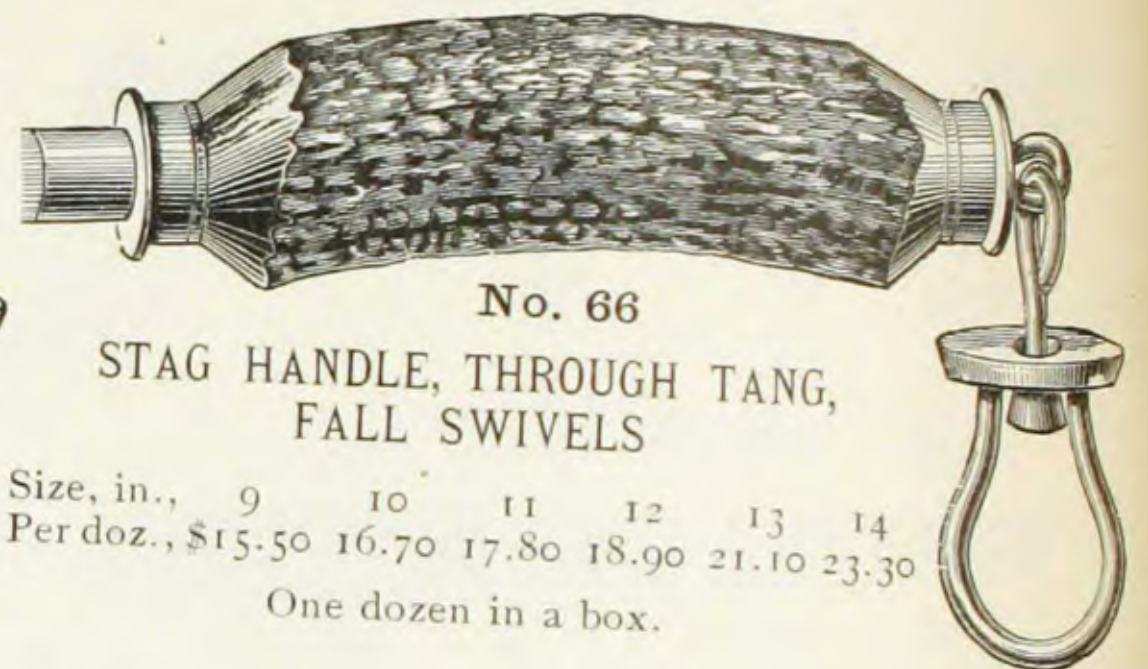


No. 82

INLAID HARD WOOD HANDLE, THROUGH TANG, FALL SWIVELS

Size, in.,	9	10	11	12	13	14
Per doz.,	\$14.40	15.50	17.20	18.90	21.10	23.30

One dozen in a box.



No. 66

STAG HANDLE, THROUGH TANG, FALL SWIVELS

Size, in.,	9	10	11	12	13	14
Per doz.,	\$15.50	16.70	17.80	18.90	21.10	23.30

One dozen in a box.

BUTCHERS' AND HUNTING KNIVES



J. AMES' COCOA HANDLE BUTCHER KNIVES

Size, inches,	4½	4¾	5	5½	6	6½
Per dozen,	\$1.60	1.70	1.80	2.00	2.25	2.50
Size, inches,	7	8	9	10	11	12
Per dozen,	\$2.75	3.40	4.40	5.50	6.30	7.25

J. SANGER'S BEECH HANDLE BUTCHER KNIVES

Size, inches,	4½	4¾	5	5½	6	6½
Per dozen,	\$1.10	1.10	1.15	1.20	1.37	1.50
Size, inches,	7	8	9	10	11	12
Per dozen,	\$1.65	2.20	2.50	3.30	4.50	5.25

LOTHROP'S COCOA HANDLE BUTCHER KNIVES WITH METAL BOLSTER



Size, inches,	5	5½	6	6½	7	8	9	10	11	12	13	14
Per dozen,	\$2.70	2.90	3.00	3.25	3.65	4.40	5.25	7.25	7.85	9.50	11.50	13.75

J. AMES' EBONY HANDLE HUNTING KNIVES



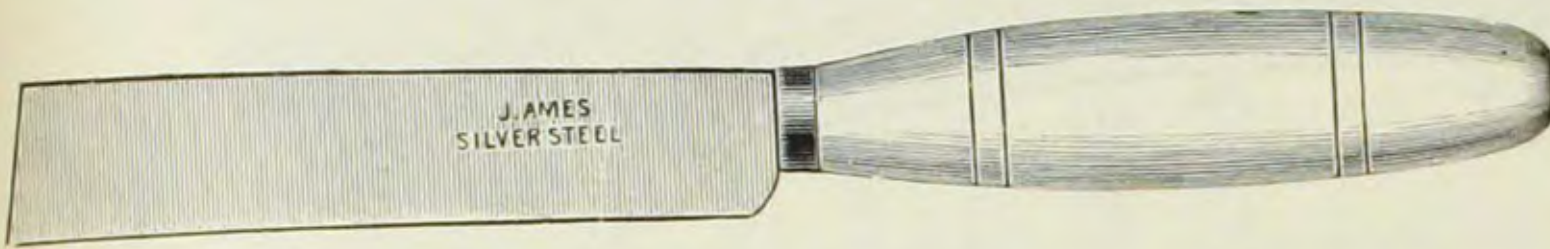
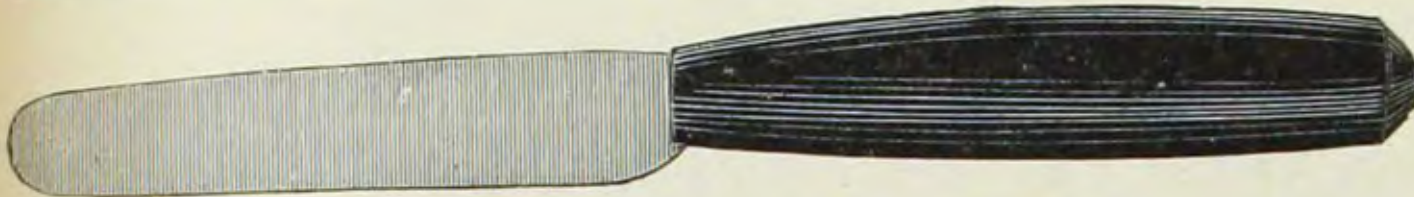
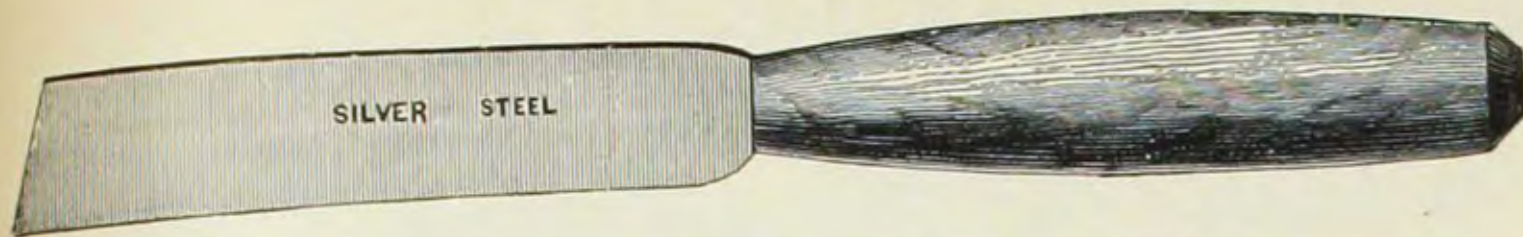
Size, inches,	5	5½	6	6½	7	8	9	10	11	12	13	14
Per dozen,	\$2.70	2.90	3.00	3.25	3.65	4.40	5.25	7.25	7.95	9.50	11.50	13.75

4½ to 9 inches, one dozen in a package; larger sizes, half dozen.



AMES' SHOE KNIVES

861



CAST STEEL BLACK HANDLE, SQUARE POINT

Nos.	1	2	3	4
Size, inches,	3	3½	4	4½
Per dozen,	\$0.80	.80	.80	.90

BLACK HANDLE, ROUND POINT

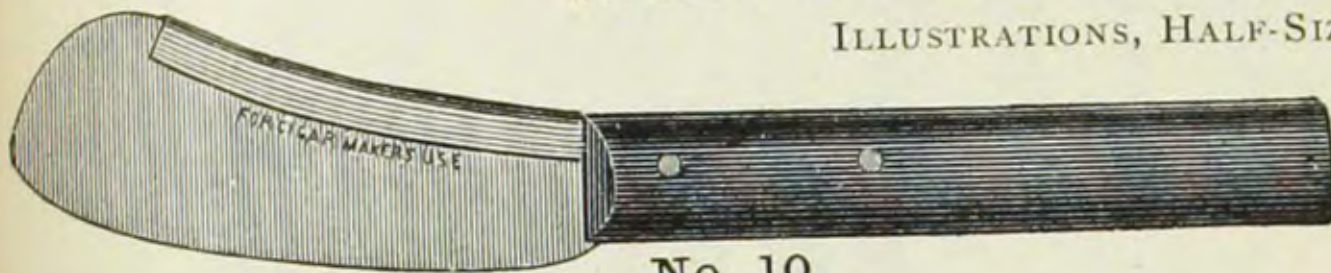
Nos.	1	2	3	4
Size, inches,	4	4½	5	5½
Per dozen,	\$0.80	.80	.90	1.00

SILVER STEEL FERRUED HANDLE

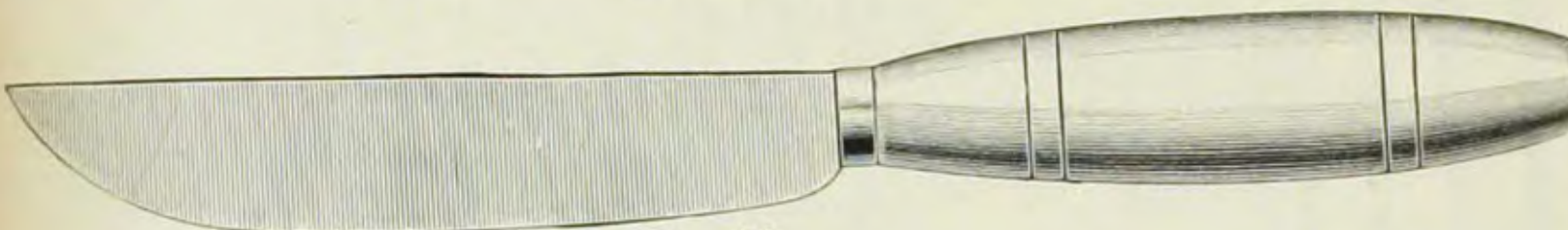
Nos.	1	2	3	4
Square Point,				
per dozen,	\$1.00	1.00	1.00	1.20
Round Point,				
per dozen,	1.00	1.00	1.20	1.25
Length same as Black Handle.				

AMES' CAST STEEL CIGAR KNIVES

ILLUSTRATIONS, HALF-SIZE



No. 10



No. 40

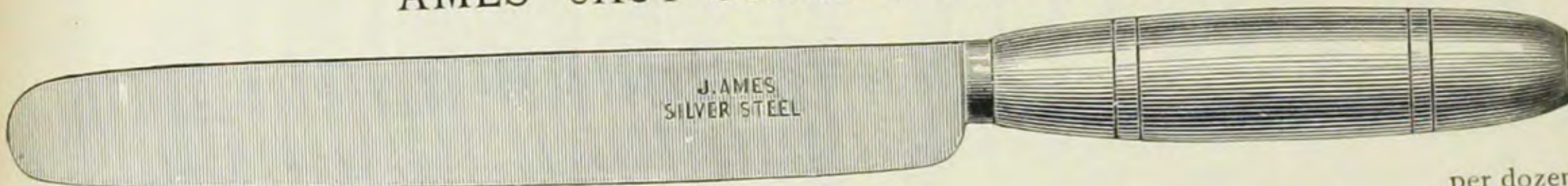
CINCINNATI PATTERN

No. 10	Square Point,	per dozen,	\$1.50
No. 20	Sharp	" "	1.50

FERRUED HANDLE

No.		Per dozen.
30	Crooked, Silver Steel,	\$1.00
40	Straight, " "	1.00

AMES' CAST STEEL BREAD KNIVES



per dozen, \$1.50
" " 1.50

Round Point, Ferruled Knives,
Sharp " " "

AMES' CAST STEEL KITCHEN KNIVES

per dozen, \$0.70

Kitchen Knives, Ferruled Handle,

PUTTY KNIVES

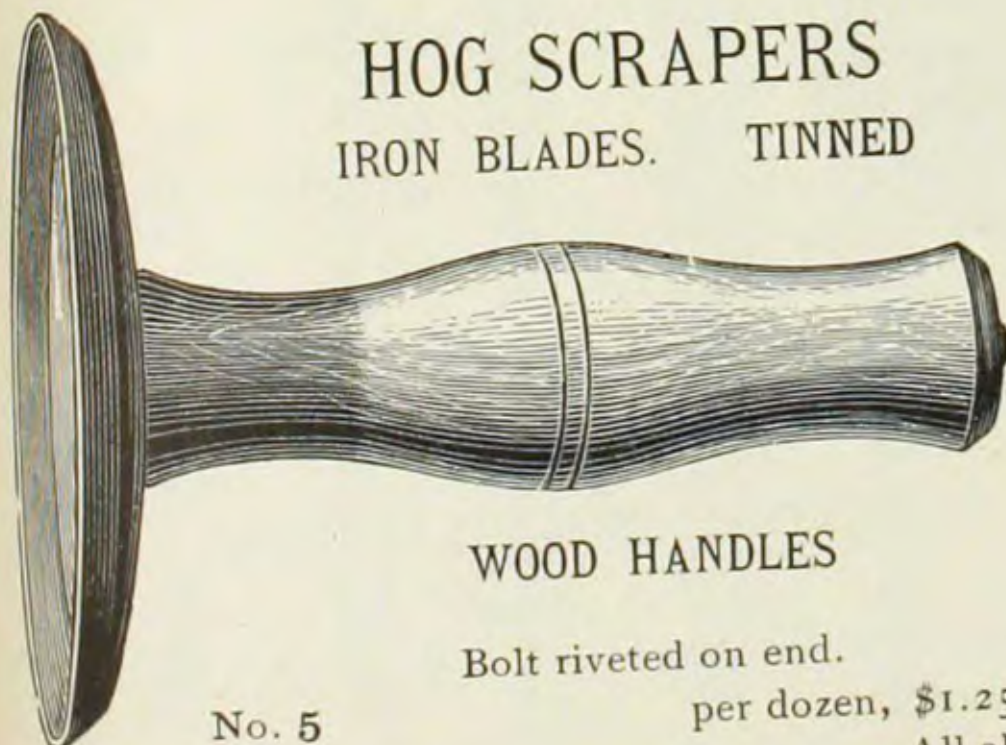
MADE SQUARE, CLIP, OR HALF CLIP POINT



No. 980

No.		Per dozen.
800	Plain Handle, Stiff or Elastic Blades,	\$1.20
900	Without Bolster, " " "	1.40
966	Plain " " " "	1.45
980	Shell " " " "	1.55

HOG SCRAPERS IRON BLADES. TINNED



WOOD HANDLES

Bolt riveted on end.
per dozen, \$1.25

No. 5

WALL SCRAPERS SPRING STEEL BLADES



WOOD HANDLES

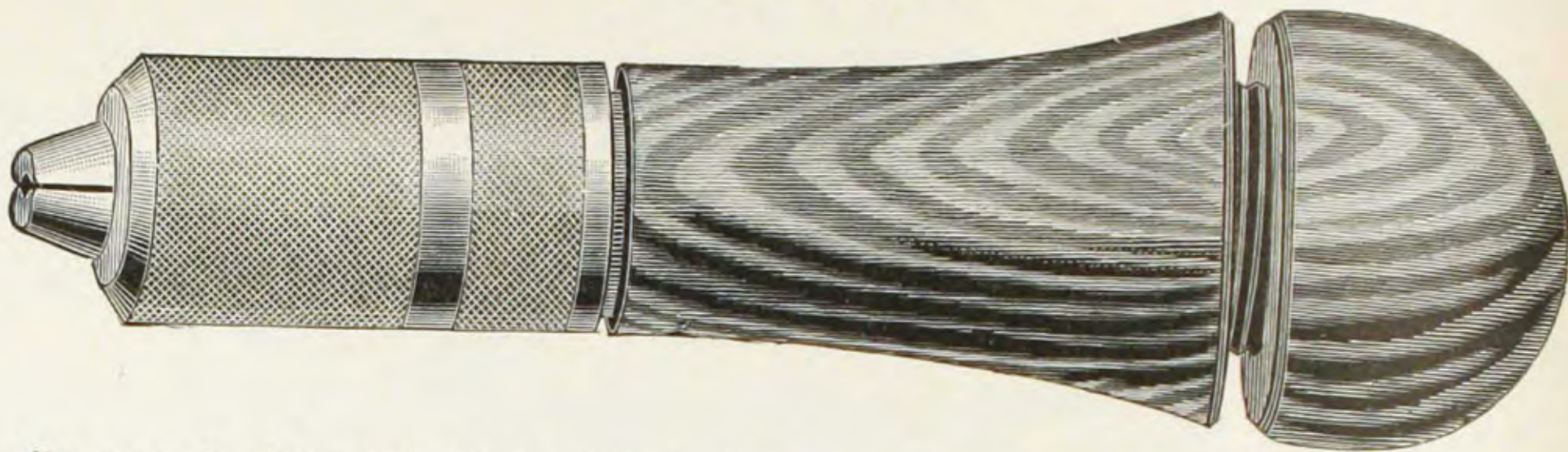
No. 2 Blades 3, 3½ or 4 inches wide, per dozen, \$2.40

All above, one dozen in a box.



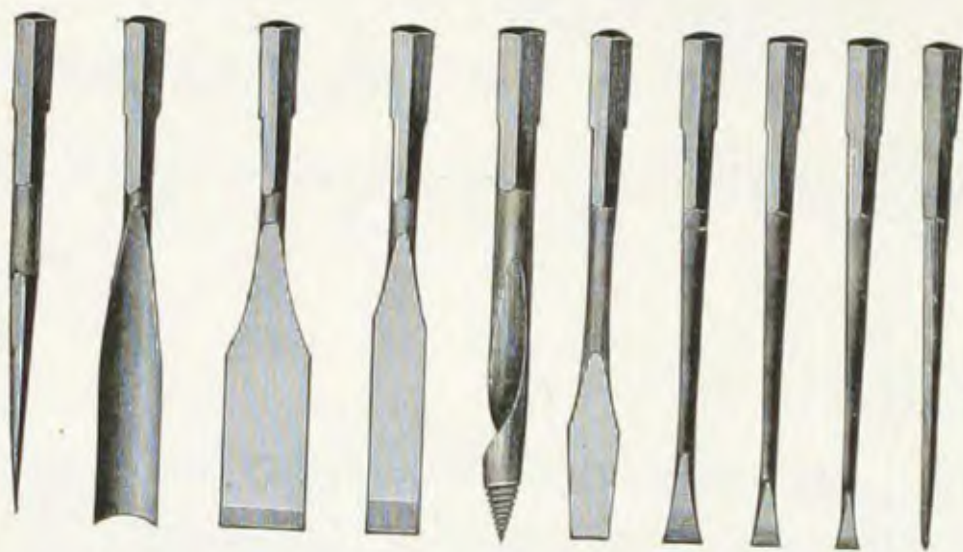
MILLER'S FALLS TOOL HOLDERS

HOLLOW HANDLE



The Handles are made of Cocobolo, highly polished, with Nickel-plated Jaws and Ferrules. The Jaws will hold not only the Tools contained in the handle, but a flat or round shank of almost any Tool.

The Tools are made of best Cast Steel, and carefully tempered.



Half Size Illustration of Tools in No. 4 Tool Holder.



Half Size Illustration of Tools in No. 5 Tool Holder.

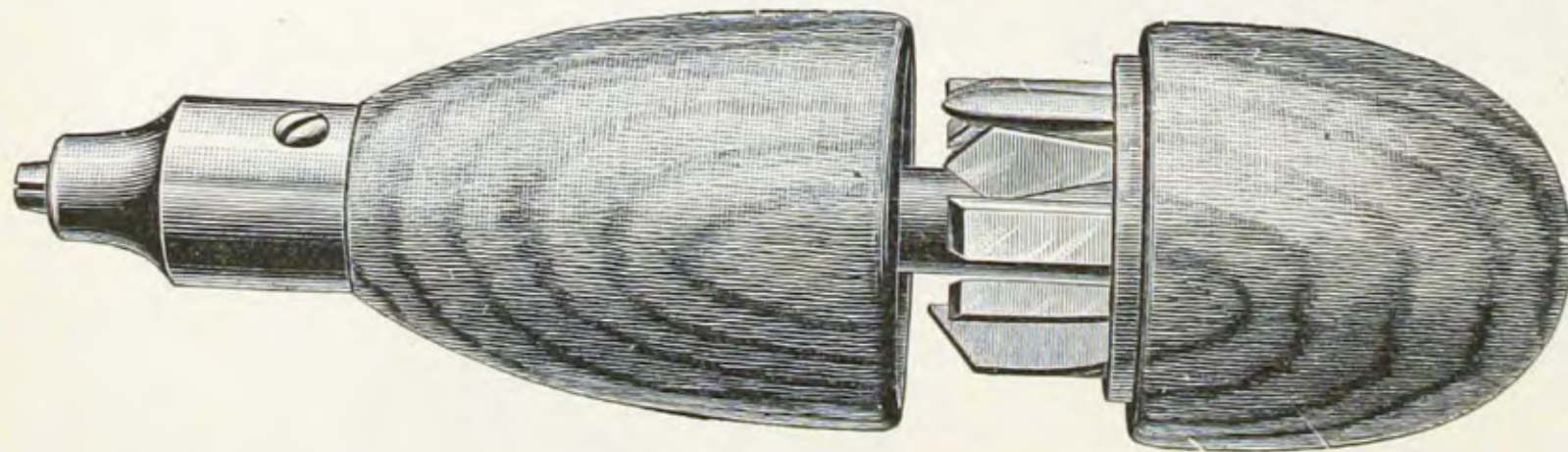
No. 4 Handle 6 1/2 inches long, with Tools as shown in illustration, and one Long Saw additional,

No. 5 Handle 7 1/2 inches long, with Tools as shown in illustration; also one Screw-driver Bit and one Long Saw additional,

Half dozen in a box.

per dozen, \$12.00
per dozen, 18.00

MILLER'S FALLS TOOL SET



The handle is made of Cocobolo wood, and is arranged with cells for the assortment of twelve tools.

Length of handle 4 3/4 inches, weight 6 ounces.

No. 6 per dozen, \$9.00

Half dozen in a box.

HENRY'S PATENT COMBINATION HAFTS



COMPLETE WITH TWELVE TOOLS

No.		Per dozen.
1	Cocobolo Handle, Nickel-ptd. Cap,	\$12.00
2	Applewood " Brass "	11.00

One dozen in a box.

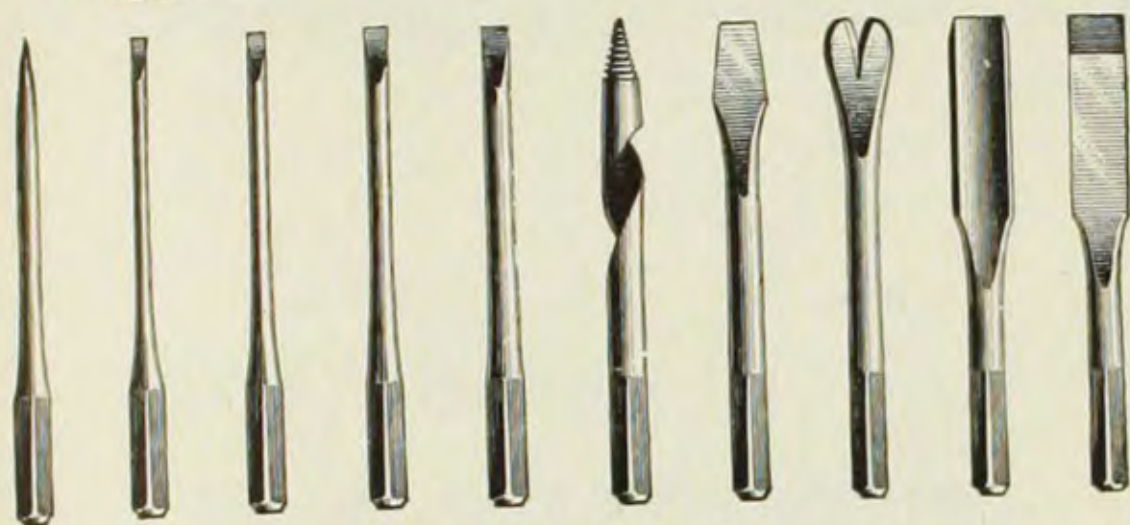


FRAY'S PATENT AWL AND TOOL SETS

ILLUSTRATIONS, HALF-SIZE

HOLLOW HANDLE

NO. 1



Nos. 1, 4, and 5

Handle of Cocobolo Wood. Jaws, Clamping-nut, and Ferrule are Nickel-plated. The shanks of the tools are $\frac{3}{8}$ inch, and are squared largest at the ends, to prevent their drawing out of the sockets when in use. They are made of the best Cast Steel, well tempered.

Per dozen, \$12.00

NO. 4

Same style and size as No. 1, but not so highly finished.

Per dozen, \$9.00

NO. 5

Handle of Dogwood, Polished. Jaws, Clamping-nut, and Ferrules are Nickel-plated.

Per dozen, \$7.00

NO. 2A

The No. 2A Handle is same in construction as No. 1, but larger. The tools are large enough for general use, and are made of Tool Steel, hardened in oil, and well finished.

Per dozen, \$18.00

NO. 2B

Same size and style as No. 2A, but has two large size Brad-awls in place of the largest size gouge.

Also furnished with Saw $6\frac{3}{4}$ inch, in place of the $4\frac{1}{2}$ inch, if so ordered.

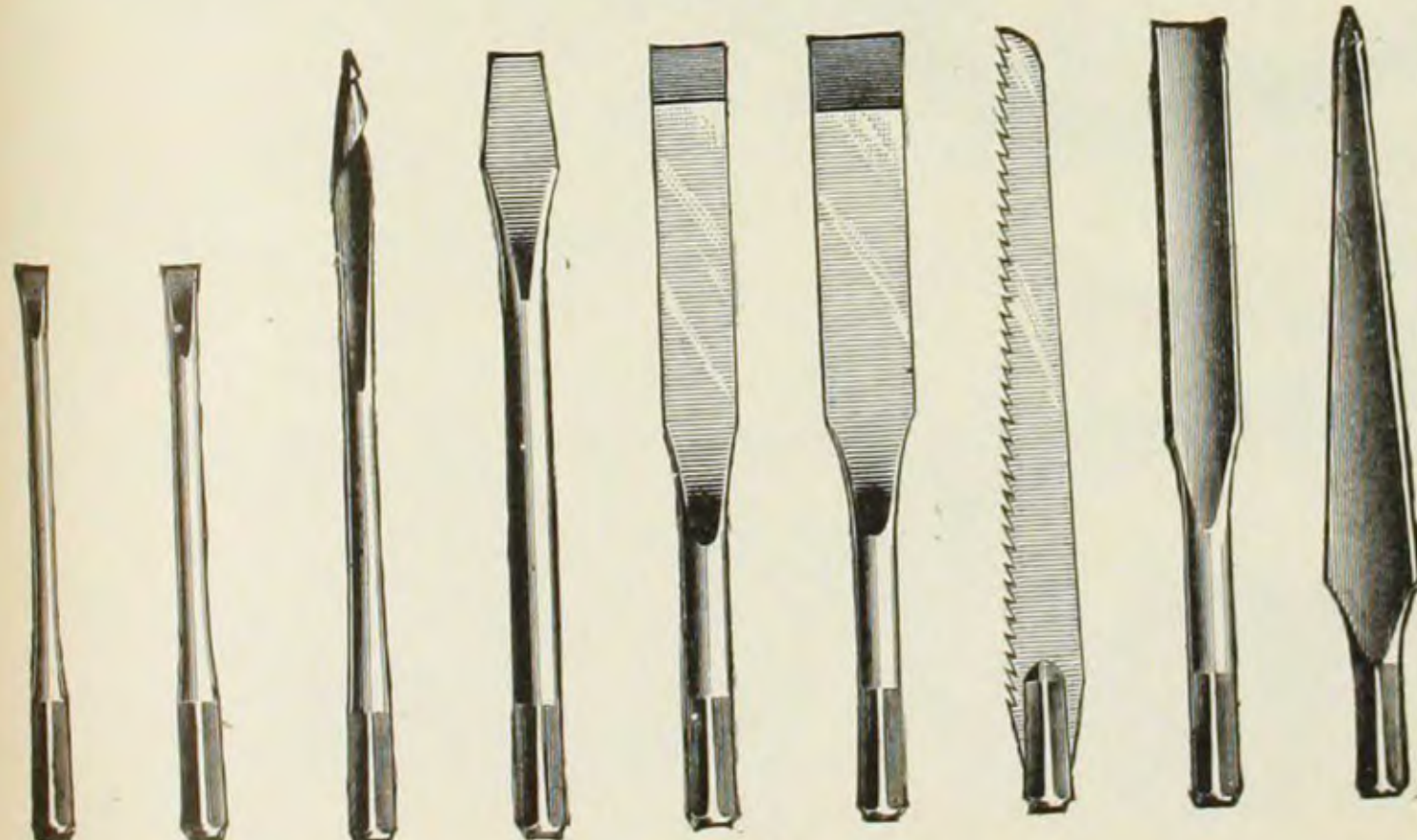
With Short Saw, per doz., \$18.00
 " Long " " " 18.50

NO. 6

Same size as No. 2, but with Applewood Handle, and eight tools, one each Square Reamer, Short Saw, Gouge, Screw-driver, Gimlet, Brad-awl, and two Chisels.

Per dozen, \$16.00

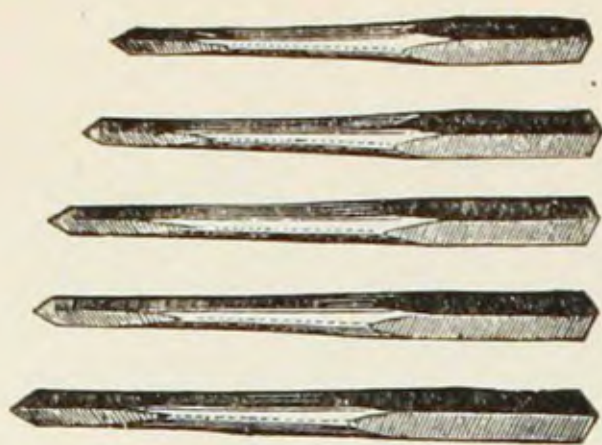
All above, half dozen in a box.



No. 2B

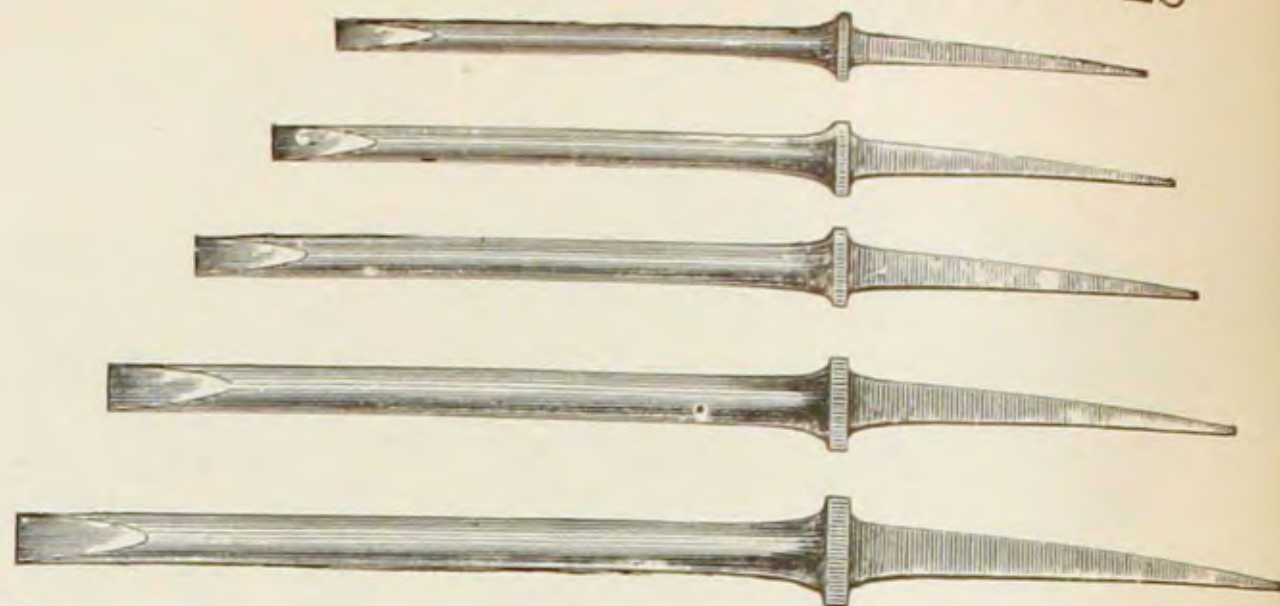


PATENT PEG AWLS



No.		Per gross.
100	Assorted,	\$0.75
101	" Large,	.90

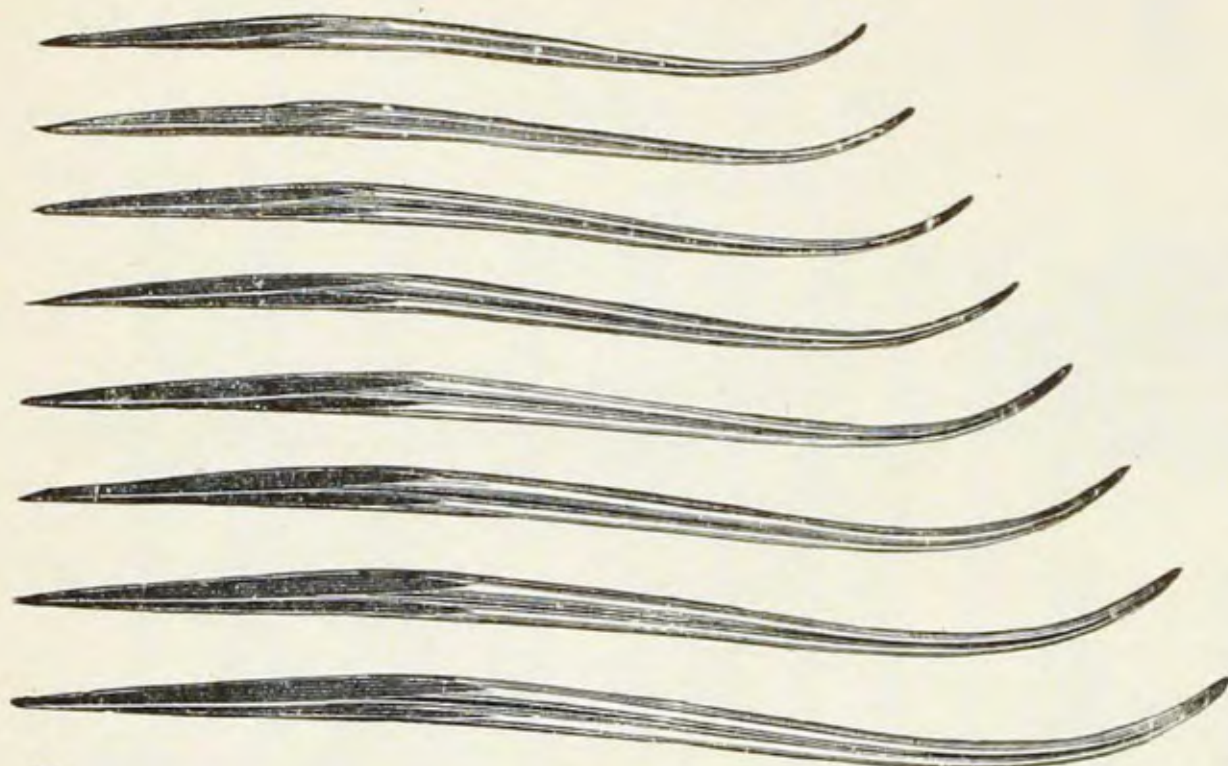
SHOULDERED BRAD AWLS



No.		Per gross.
130	Assorted, Small,	\$3.00
131	" Regular,	3.25
132	" Large,	3.75

Half gross in a box.

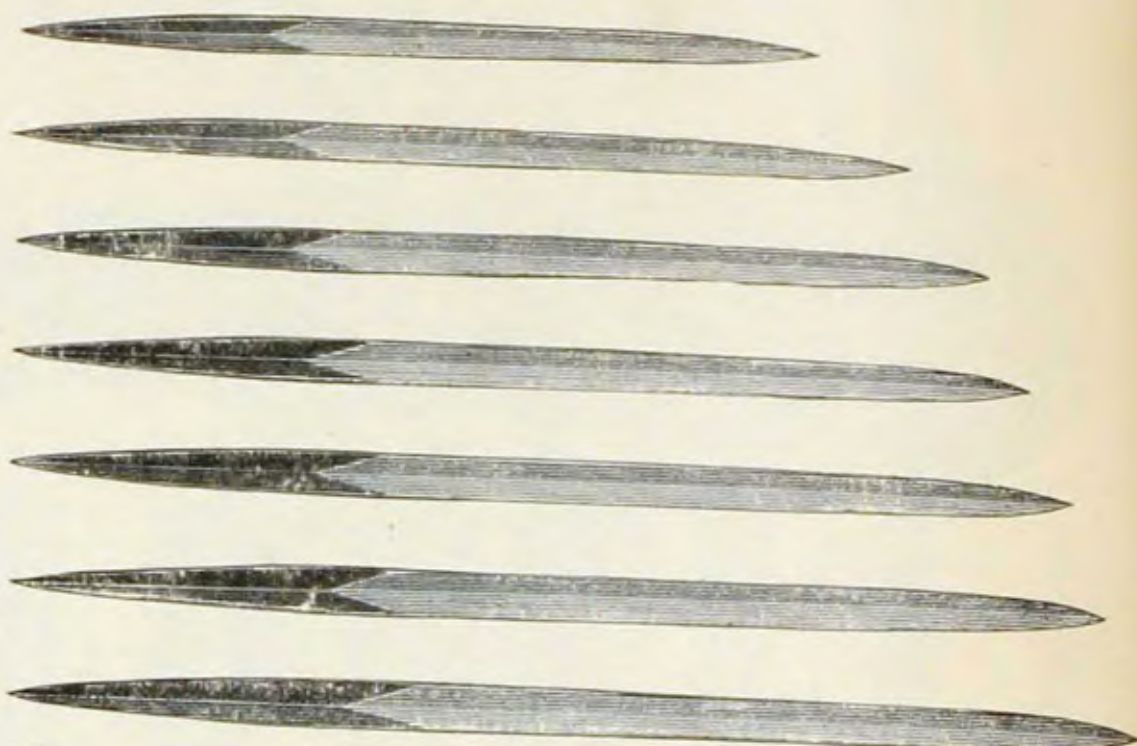
SEWING AWLS



No.		Per gross.
105	Common (see Illustration), Assorted,	\$1.75
106	" " " " Large,	2.00
110	Patent, Assorted,	1.75
111	" " Large,	2.00

The Patent Awls have Shanks not tapered.
Above, one gross in a box.

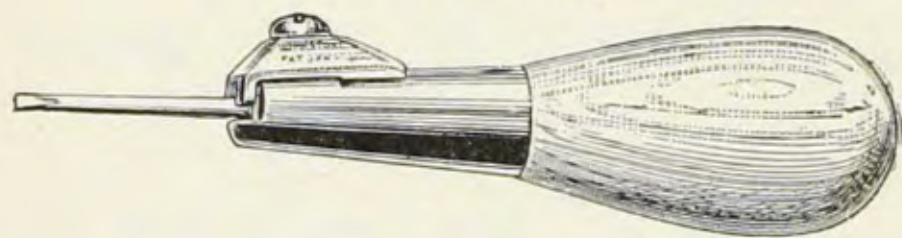
SADDLERS' AWLS



No.		Per gross.
120	Common (see Illustration), Assorted,	\$1.75
121	" " " " Large,	2.00
125	Patent, Assorted,	1.75
126	" " Large,	2.00

One gross in a box.

JOHNSTONE'S BRAD AWL HANDLES

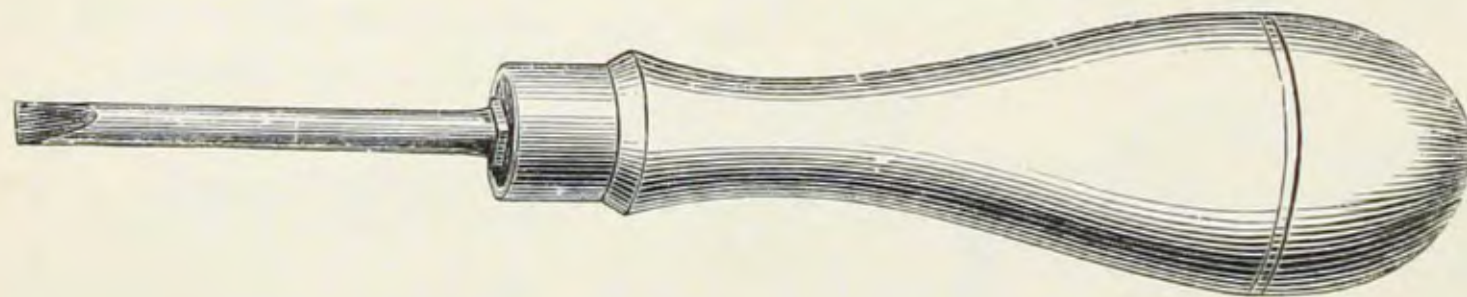


Per dozen

Will hold Shouldered Brad Awls securely.

One dozen in a box.

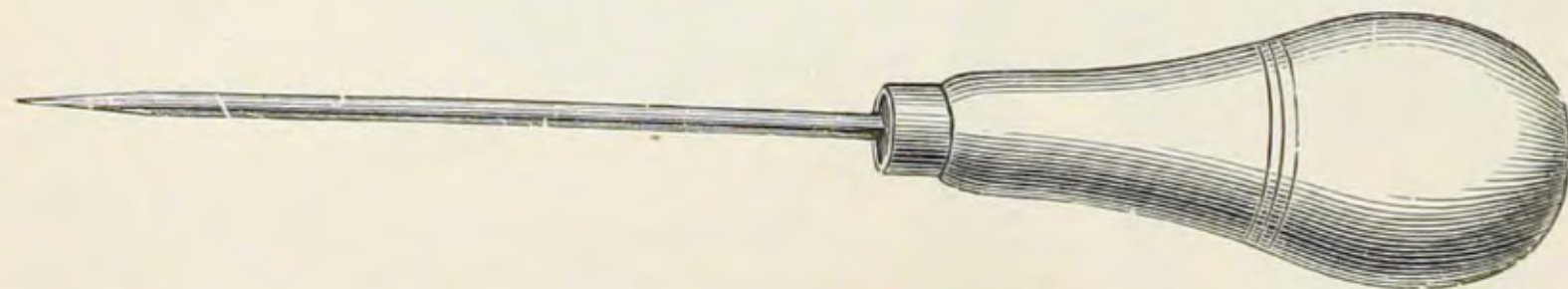
\$2.50



HANDLED BRAD AWLS

No.		Per gross.
231	Cast Steel, Assorted,	\$6.50
232	" " " Large,	7.00

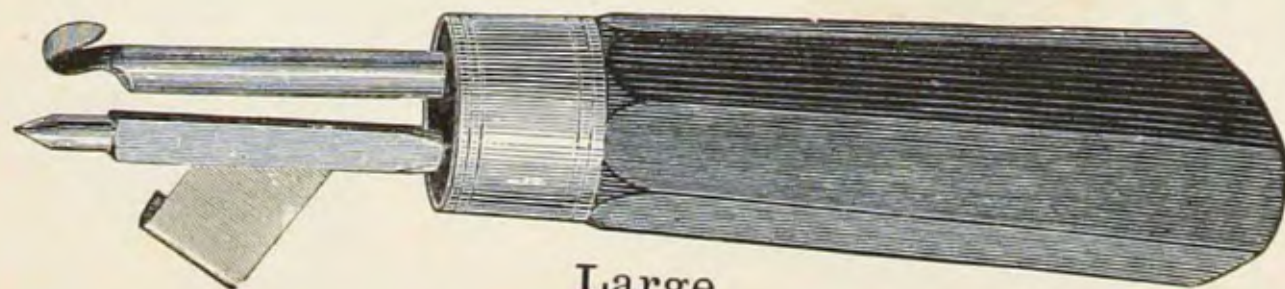
Quarter gross in a box.



SCRATCH AWLS

No.		Per gross.
1	Cast Steel, Assorted,	\$7.00
2	" " " Large,	8.50
27	Bemis & Call Co.'s Ebonized Handles,	17.75
28	Bemis & Call Co.'s Plain Handles,	17.75

One dozen in a box.



Large

Small,
Large,

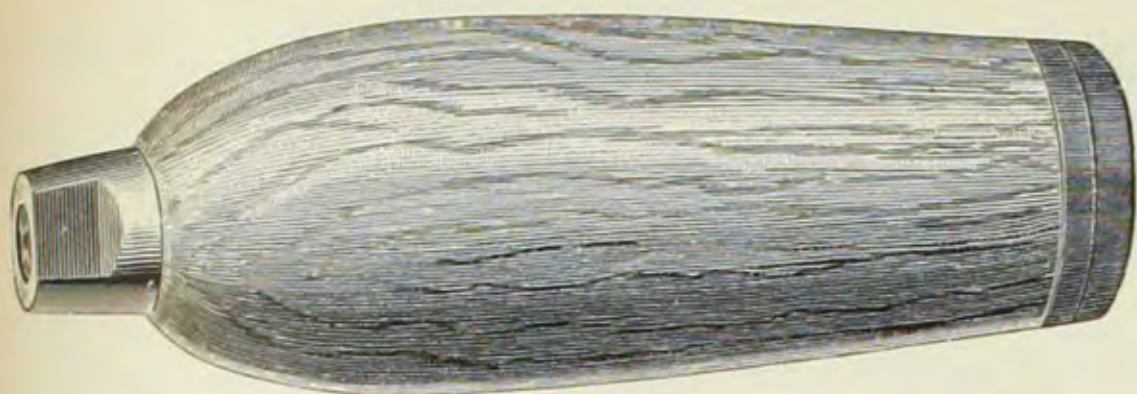
TIMBER SCRIBES

per dozen, \$9.00
" " 11.00

One dozen in a box.

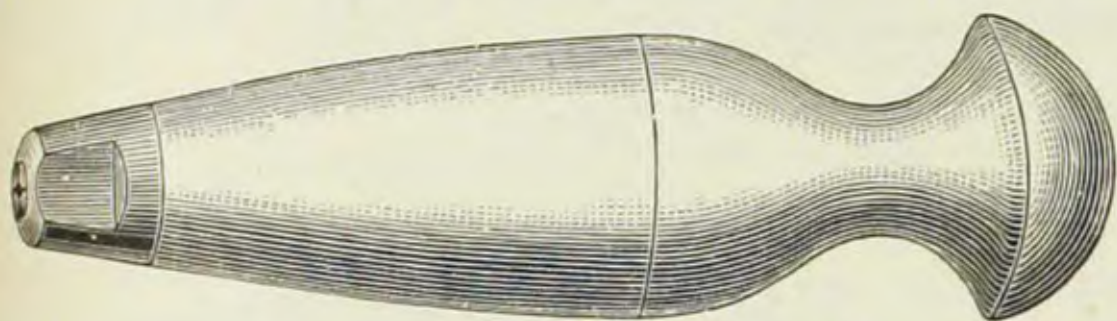


AWL HAFTS



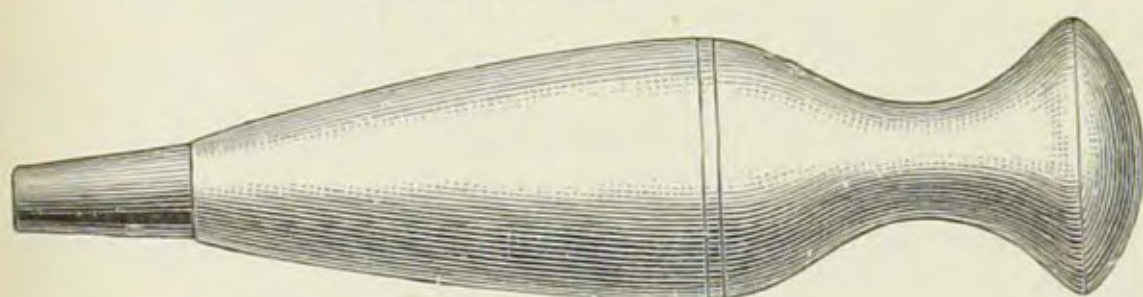
No. 6

- No. 5 Hickory Pegging Awl Haft, Plain Top, Steel
Screw and Nut, with Wrench, Per gross. \$10.00
No. 6 Hickory Pegging Awl Haft, Leather Top, Steel
Screw and Nut, with Wrench, 12.00
No. 7 Hickory Pegging Awl Haft, Leather Top, Extra
Large, Riveted, Steel Screw and Nut, with
Wrench, 14.00
One dozen in a box.



No. 6 1/2

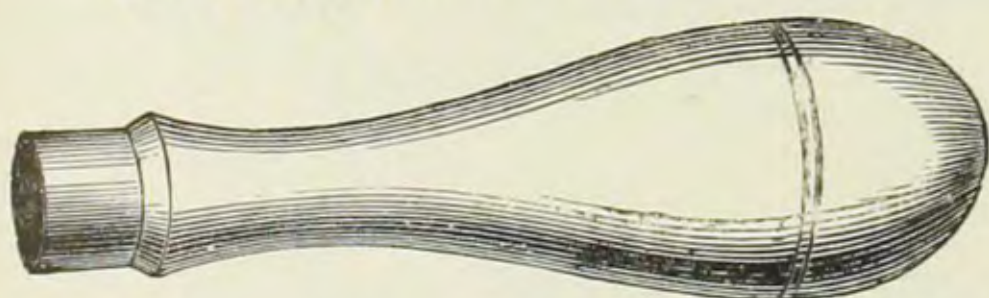
- No. 6 1/2 Appletree Sewing Awl Haft, will hold any
size Awl, Steel Screw and Nut, with Wrench, Per gross. \$12.00
One dozen in a box.



No. 10

- No. 10 Common Sewing Awl Haft, Brass Ferrule, Per gross. \$3.50
No. 11 " Pegging " " " " 3.50
Quarter gross in a box.

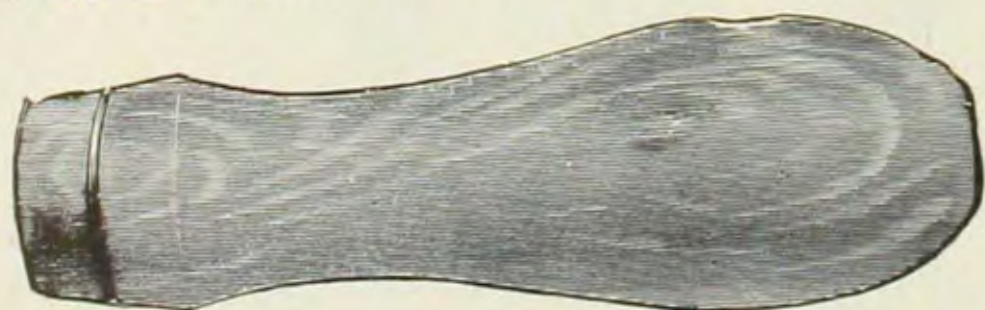
BRAD AWL HANDLES



BRASS FERRULES

- No. 9 Assorted, per gross, \$5.00
No. 10 " large, " " 5.50
Quarter gross in a box.

SOLDERING COPPER HANDLES

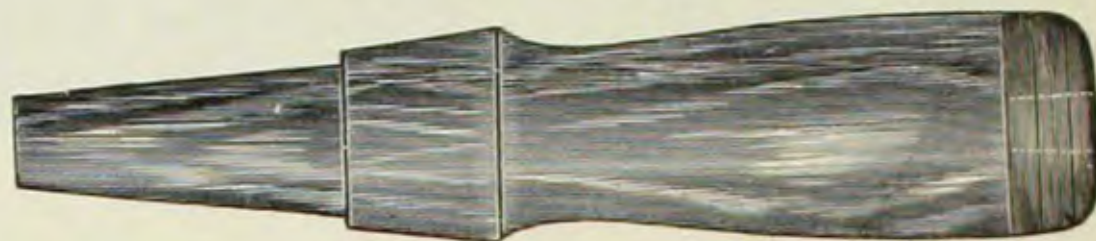


With Wire Ferrules,

per gross, \$5.25

INDESTRUCTIBLE, LEATHER CAPPED CHISEL HANDLES

SOCKET FIRMER



- No. 60 Hickory, Assorted, 3 sizes, for 1/8 to 2 inch, Per gross. \$13.00
No. 61 " " 2 " " 3/4 to 2 " 14.00

SOCKET FRAMING



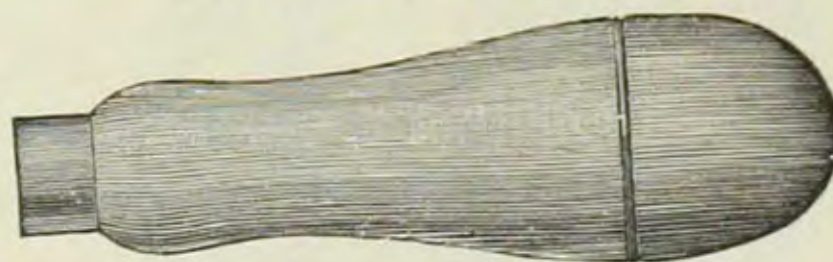
- No. 70 Hickory, Assorted, 3 sizes, for 1/4 to 3 inch, Per gross. \$14.00
No. 71 " " 2 " " 1 to 3 " 15.00

TANGED FIRMER



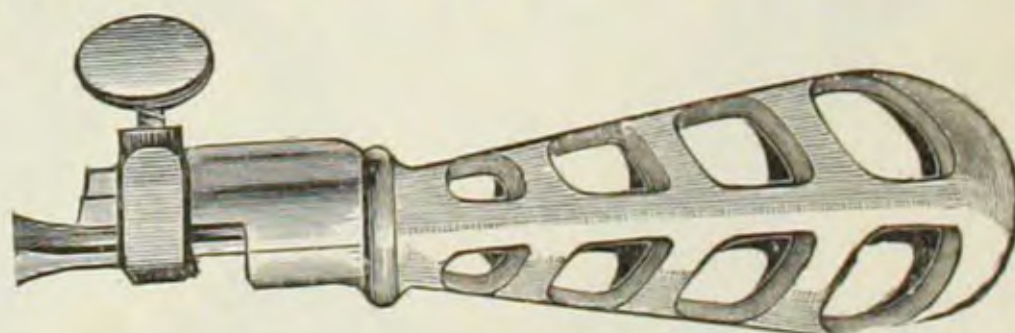
- No. 80 Hickory, Assorted, 5 sizes, for 1/8 to 2 inch, Per gross. \$19.00
No. 81 " " 3 " " 1 to 2 " 20.00
One dozen in a box.

FILE HANDLES



- No. 50 Soft Wood, Brass Ferrules, Assorted, Per gross. \$4.00
No. 51 " " " " " Large, 4.50
Quarter gross in a box.

IXL FILE AND TOOL HANDLES

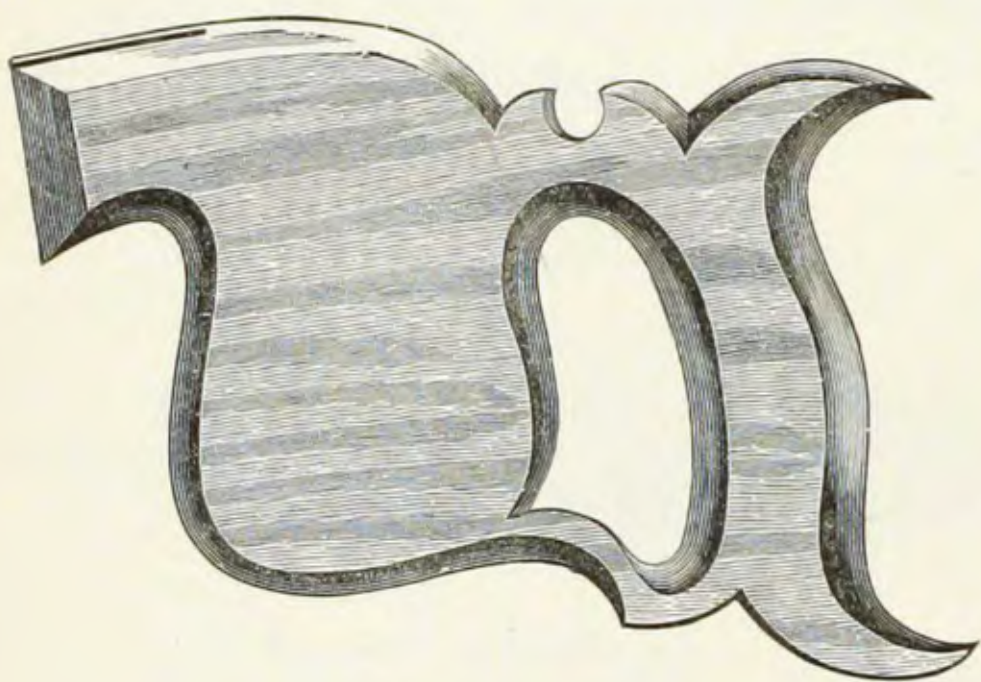
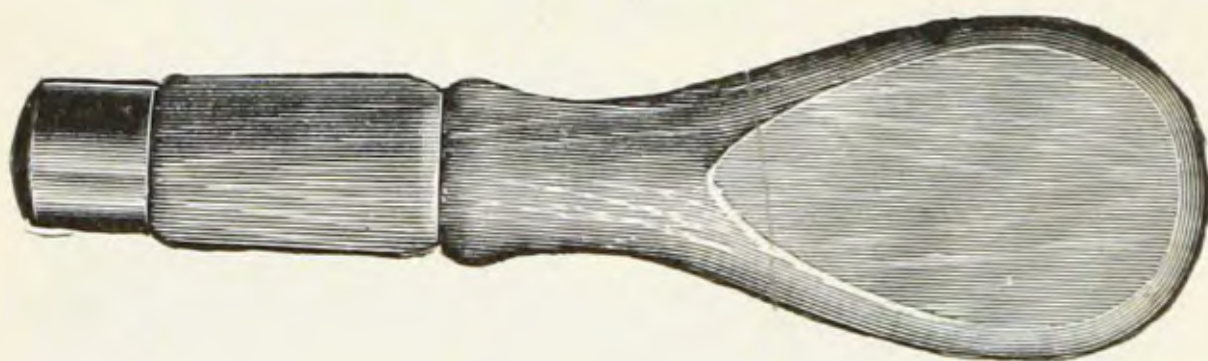
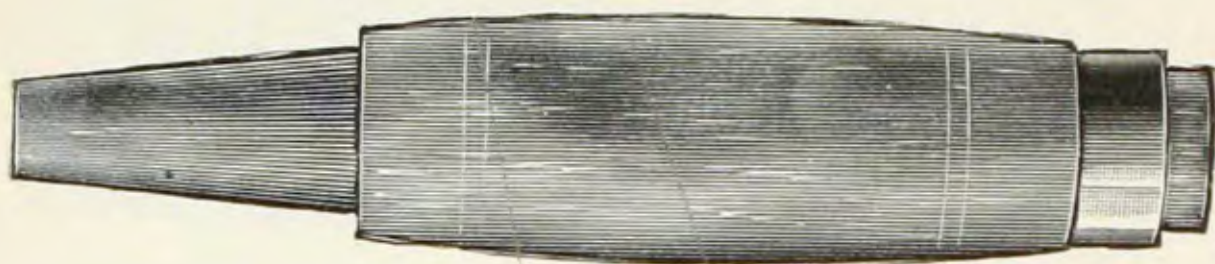
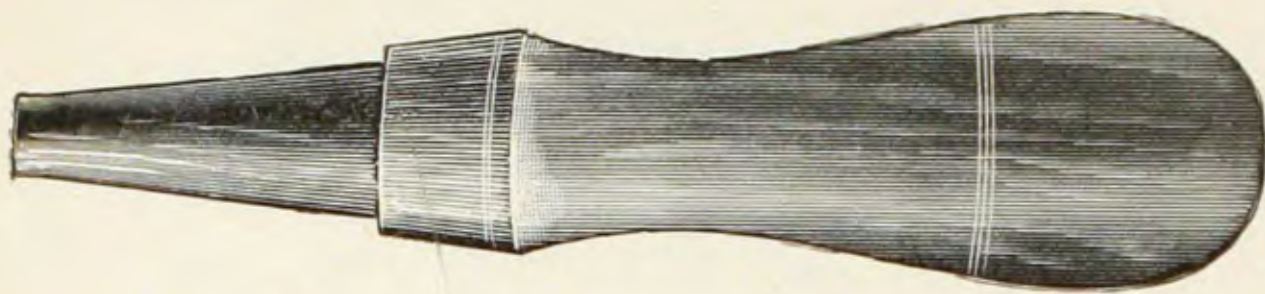


MALLEABLE IRON, TINNED

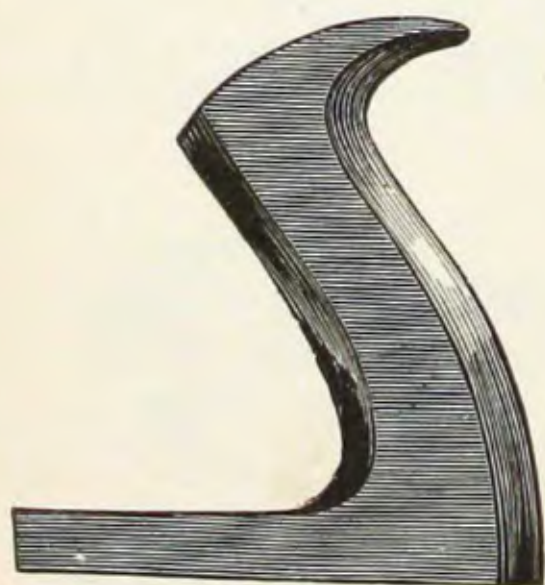
Adjustable to fit any size of small shanked tools.
Per dozen, \$2.25

One dozen in a box.

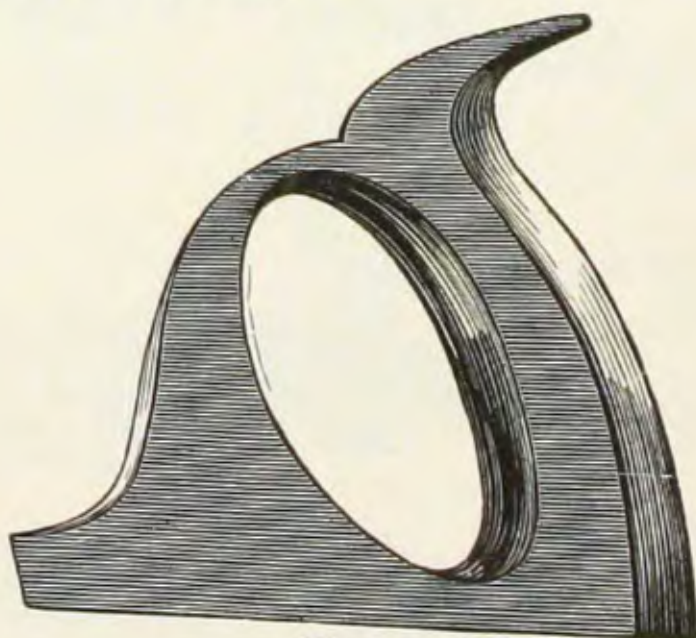




PLANE HANDLES



Jack

Jack,
Fore

Fore

per dozen, \$0.42
" " .75

One dozen in a package.

FIRMER CHISEL HANDLES

No.			Inches.	Per gross.
1	Hickory, Assorted, 4 sizes, for		$\frac{1}{8}$ to $1\frac{1}{2}$	\$6.00
2	"	6	$\frac{1}{4}$ to 2	6.50
3	"	4	1 to 2	7.50
4	"	2	$1\frac{3}{4}$ and 2	8.50
5	"	2	2 and $2\frac{1}{2}$	11.00
11	Apple,	4	$\frac{1}{8}$ to $1\frac{1}{2}$	7.00
12	"	6	$\frac{1}{4}$ to 2	8.00
13	"	4	1 to 2	8.50
14	"	2	$1\frac{3}{4}$ and 2	9.50
15	"	2	2 and $2\frac{1}{2}$	12.00

SOCKET FIRMER CHISEL HANDLES

No.		Per gross.
20	Hickory, Assorted,	\$5.25
21	" " Large,	5.75
30	Apple, " Large,	6.50
31	" " Large,	7.50

SOCKET FRAMING CHISEL HANDLES

No. 40	Polished Hickory, Iron Ferrules, Assorted,	per gross, \$8.50
No. 41	Polished Hickory, Iron Ferrules, Assorted, Large,	per gross, 9.25

SCREW DRIVER HANDLES

No.		Per dozen.
7	Assorted, Regular,	\$1.00
8	" Large,	1.25
9	" Extra Large,	1.50

All above, one dozen in a box.

POLISHED AUGER HANDLES

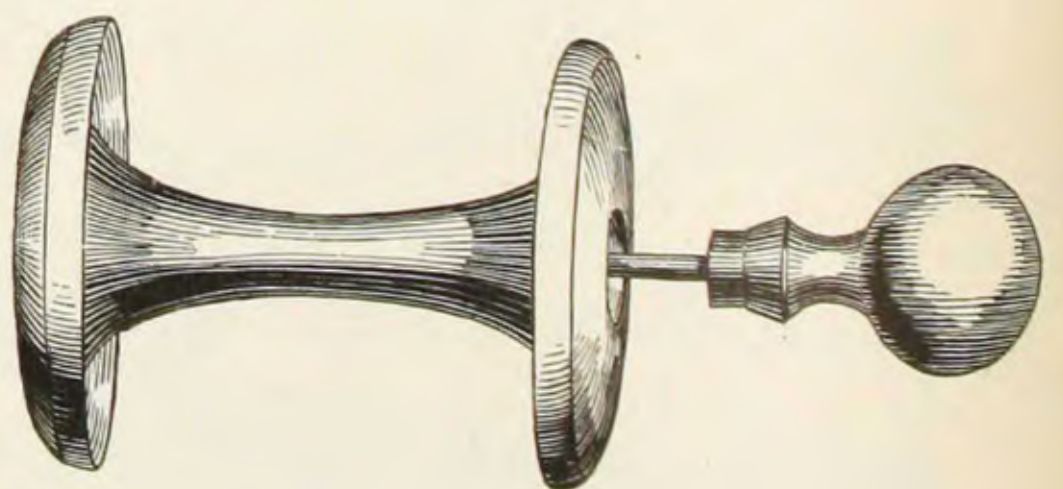
Assorted,	per gross, \$6.00
" Large,	" " 7.00

SAW HANDLES

No.		Per dozen.
1	Full Size, Cherry, Varnished Edges,	\$1.65
2	" " Beech, " "	1.40
3	" " " Plain " "	1.20
4	Small Panel, Beech, Varnished Edges, for 16 to 20 inch Saws,	1.35

One dozen in a package.

CHALK LINE REELS



No.		Per dozen.
12	Reels only,	\$0.36
14	" with Steel Scratch Awls,	.95

No. 12, three dozen in a box; No. 14, one dozen.



POLISHED HICKORY HANDLES



AXE

BROAD AXE

Length, inches,	28	30	32	34	36
Extra, per dozen,	\$2.00	2.85	2.85	3.20	3.20
No. 1 " "	1.50	1.70	1.70	2.15	2.15
No. 2 " "		1.50	1.50	1.80	1.80

No. 1 26 inch, Reversible,

per dozen, \$3.00



SLEDGE

Length, inches,	24	28	30	32	34	36	Length, inches,	24	28	30	32	34	36
Extra, per doz.,	\$1.25	1.60	1.60	1.75	2.10	2.10	No. 1 per doz.,	\$1.00	1.25	1.25	1.40	1.75	1.75



PICK

Length, inches,
Extra,
Excelsior,

36 Length, inches,
per dozen, \$4.50 No. 1
" " 3.50 No. 2

36
per dozen, \$2.50
" " 1.80



ADZE

Extra,
Excelsior,

per dozen, \$4.00 No. 1
" " 3.50

per dozen, \$2.10



HAMMER

CARPENTERS' PLAIN

Length, inches,	13	14	15
Per dozen,	\$0.60	.60	.60

CARPENTERS' ADZE-EYE

Length, inches,	13	14
Per dozen,	\$0.60	.60

MACHINISTS' AND BLACKSMITHS'

Length, inches,	13	14	15	16	18	20	22	24
Per dozen,	\$0.60	.60	.60	.70	.80	.90	.95	1.05

HATCHET



SHINGLING

Length, inches,
Per dozen,

13	14
\$0.60	.65

15
.65

Length, inches, 16
Per dozen, \$0.70

BENCH

17	18	19	20
.75	.95	1.00	1.00

POLISHED ASH HANDLES

HAY FORK



Length, feet,	4½	5	5½	6
Per dozen,	\$1.40	1.50	1.65	1.85

MANURE FORK

Length, feet,	4	4½	5
Per dozen,	\$1.75	2.00	2.30

RAKE

Length, feet,	5½	6
Per dozen,	\$1.40	1.50

HOE

4½ feet,
Planters', 5 feet x 2 inches at Butt,

per dozen, \$1.10
" " 2.50

LONG BENT

Shovel, 4½ feet,
Spade, 4½ "

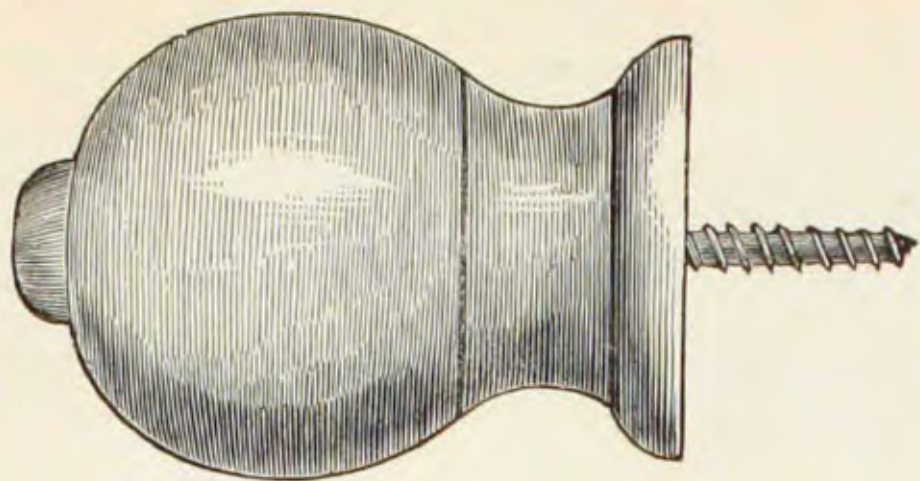
per dozen, \$2.50
" " 2.50

D



per dozen, \$3.35
" " 3.35
" " 3.00
" " 3.00





IMPROVED RUBBER TIP BASE KNOBS

No.	Size	Birch.	Oak.	Black Walnut.	Stained Cherry.
8	2 1/2 inches,	per gross, \$2.50	\$2.90	\$2.90	\$2.90
8	3 "	" "	2.70	3.10	3.10
8	3 1/2 "	" "	3.00	3.40	3.40

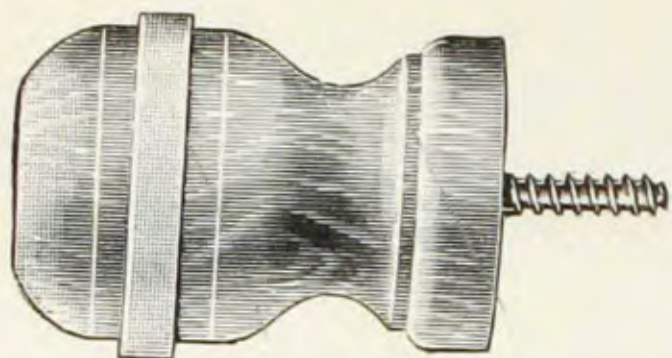
Quarter gross in a box.

IN BULK

Birch, 2 1/2 inches,
" 3 "

Barrels contain about ten gross.

per gross, \$2.30
" " 2.50



No. 110

FLOOR DOOR FENDERS

NO. 110. WITH RUBBER BAND

Birch,
Black Walnut,

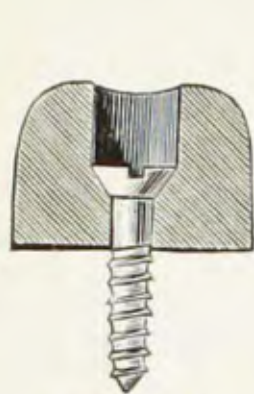
per gross, \$4.20
" " 4.60

NO. 10. WITH SIDE RUBBER TIP

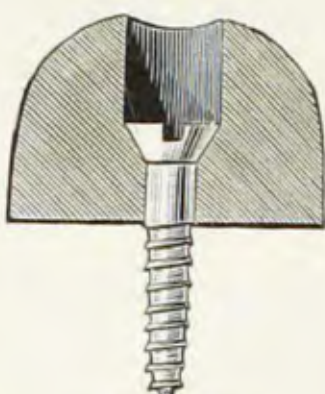
Birch,
Black Walnut,

per gross, \$3.70
" " 4.10

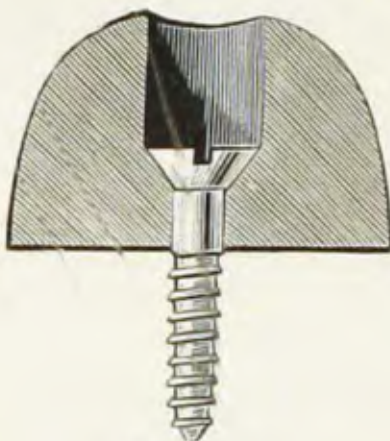
Quarter gross in a box.



No. 1



No. 2



No. 3

No. 1
No. 2
No. 3

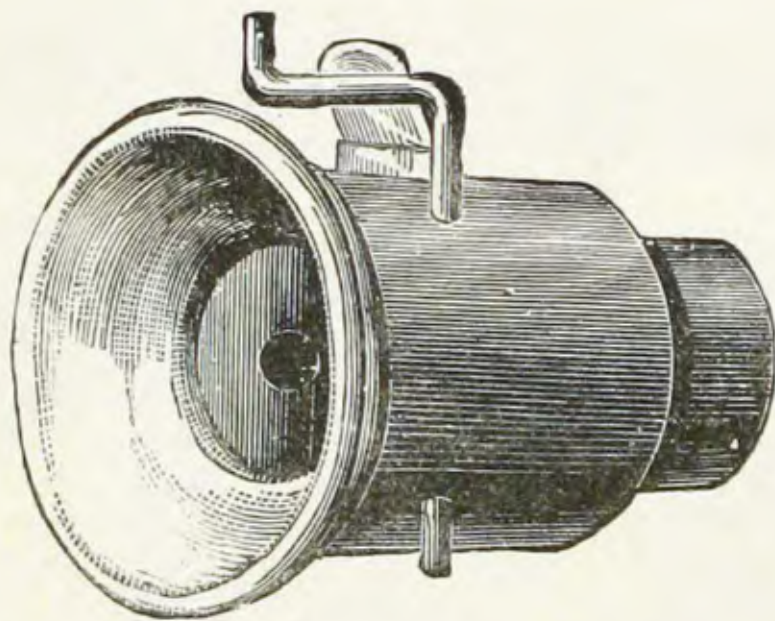
RUBBER FENDERS

WITH SCREWS

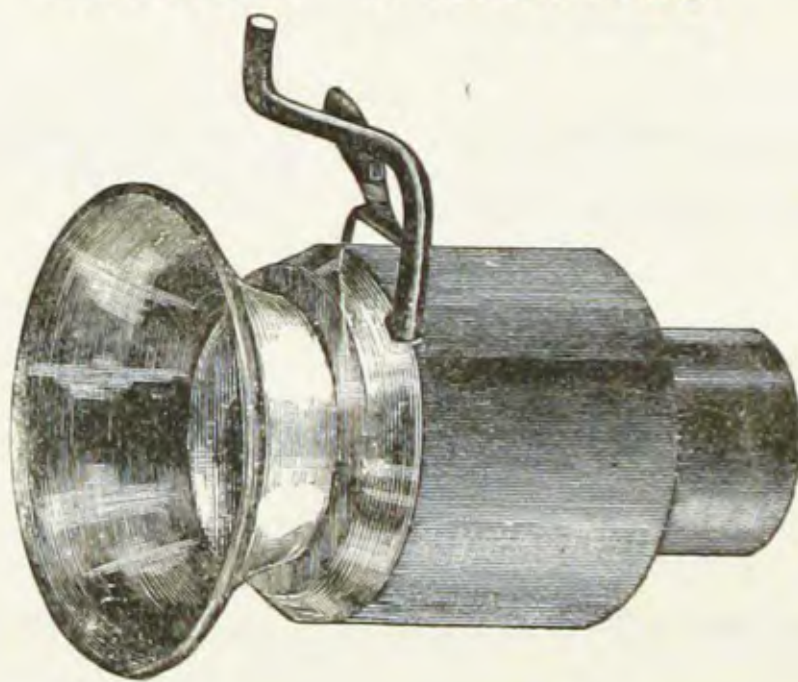
per gross, \$1.65
" " 2.60
" " 3.20

One gross in a box.

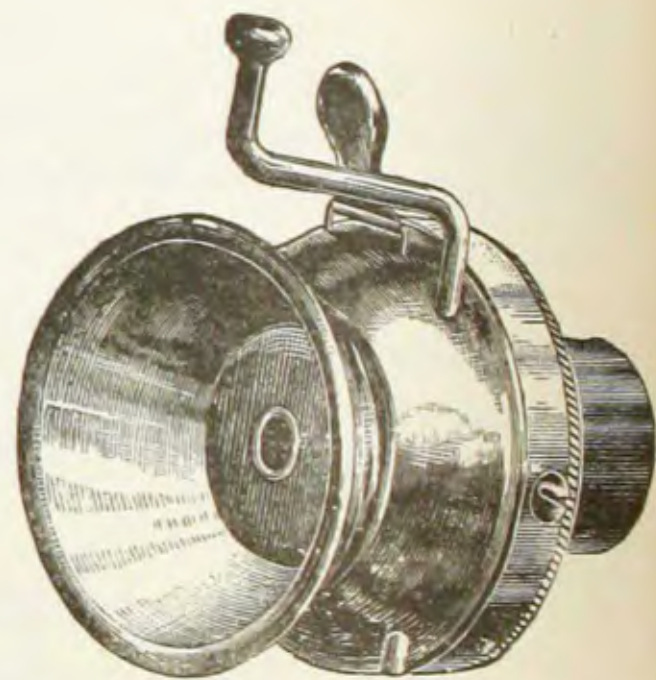
ALARM WHISTLES



No. 158 With Indicator, Porcelain Mouth-piece, Per dozen. \$5.00
No. 159 Without Indicator, Porcelain Mouth-piece, 4.50

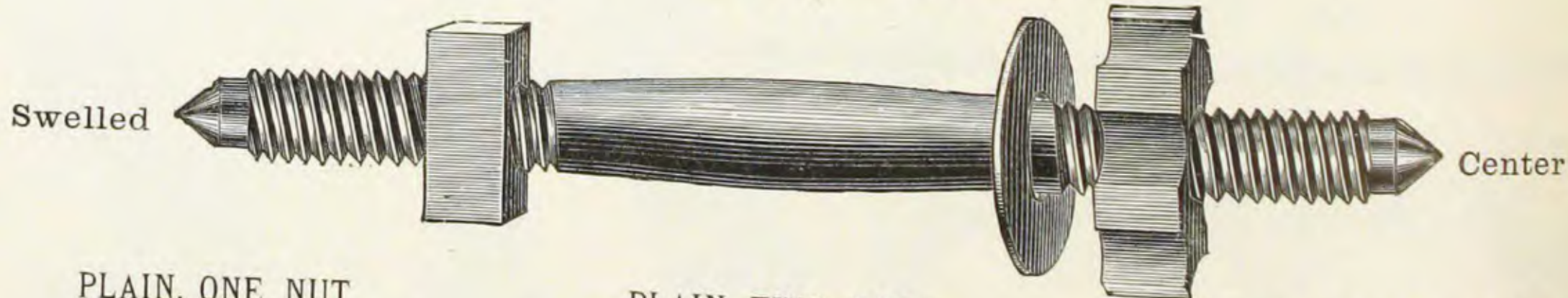


No. 158 1/2 With Indicator, Nickel-plated, Per dozen. \$8.00
No. 159 1/2 Without Indicator, Nickel-plated, 7.00
One dozen in a box.



No. 180 With Indicator, Nickel-plated, Per dozen. \$12.00
No. 181 Without Indicator, Nickel-plated, 11.00

HAND RAIL SCREWS



Swelled

Center

PLAIN, ONE NUT

Nos.	00	0	1
Size, inches,	$3 \times \frac{5}{16}$	$3\frac{1}{2} \times \frac{5}{16}$	$4 \times \frac{5}{16}$
Per gross,	\$9.00	9.00	9.00
Nos.		2	3
Size, inches,		$4\frac{1}{2} \times \frac{5}{16}$	$5 \times \frac{5}{16}$
Per gross,		\$10.00	11.25

PLAIN, TWO NUTS

Nos.	4	5	6
Size, inches,	$3 \times \frac{5}{16}$	$3\frac{1}{2} \times \frac{5}{16}$	$4 \times \frac{5}{16}$
Per gross,	\$10.00	10.25	10.25
Nos.	7	8	
Size, inches,	$4\frac{1}{2} \times \frac{5}{16}$	$5 \times \frac{5}{16}$	
Per gross,	\$11.25	12.50	

Quarter gross in a box.

SWELLED CENTER, TWO NUTS

Nos.	11	12	13
Size, inches,	4 x 7/16	4 1/2 x 7/16	5 x 7/16
Per gross,	\$16.75	18.00	19.00



LE PAGE'S LIQUID GLUE

FAMILY GLUE

		Per dozen.
Class A		
Small Bottles, 1 ounce,		\$1.20
Large " 2 "		1.80
1/2 Gills, tin cans,		1.80
Gills, " "		2.40

One dozen in a box; six dozen in a case.

CARRIAGE GLUE IN TIN CANS

		Per dozen.
Class B		
1/2 Pints, 2 dozen in a case,		\$3.25
Pints, 1 " " "		5.50
Quarts, 1 " " "		9.50
Class C		Per dozen.
1/2 Gallons, 1/2 dozen in a case,		\$15.00
Gallons, 1/2 " " "		27.00



Quart



Small

Half Gill

DISPLAY STANDS

		Per case.			Per case.
No. 1 contains	2 dozen 1 oz. bottles,	\$4.20	No. 2 contains	1 dozen 1/2 Gills,	\$6.00
	1 " 1/2 Gills,			1 " " "	
				1/2 " 1/2 Pints,	

EAGLE BRAND LIQUID GLUE

		Per gross.
Family Trial Size, in bottles,		\$8.00
Small Family, 1 oz. "		10.00
Large Size, 2 oz. "		16.00
Half-Gills, in tin cans,		18.00
Gills, " "		24.00

One dozen in a box; six dozen in a case.

		Per dozen.
Half-Pints, 2 dozen in case,		\$3.00
Pints, 1 " " "		5.00
Quarts, 1 " " "		9.00
Half-Gallons, 1/2 " " "		15.00
Gallons, 1/2 " " "		27.00

		Per gallon.
Five-Gallon Cans, 1 can in case,		\$1.95
Kegs, 5 or 10 gallons,		1.90
Barrels, about 45 gallons,		1.85



ASSORTMENT CASES

		Per case.			Per case.
No. X			No. A		
3 Doz. Small Family in bottles,	\$2.50	1.50—\$4.00	3 Doz. Small Family in bottles,	\$2.50	1.00—\$5.00
1 " Half Gills in cans,			1 " Half Gills in cans,	1.50	
			1/2 " Gill cans,		



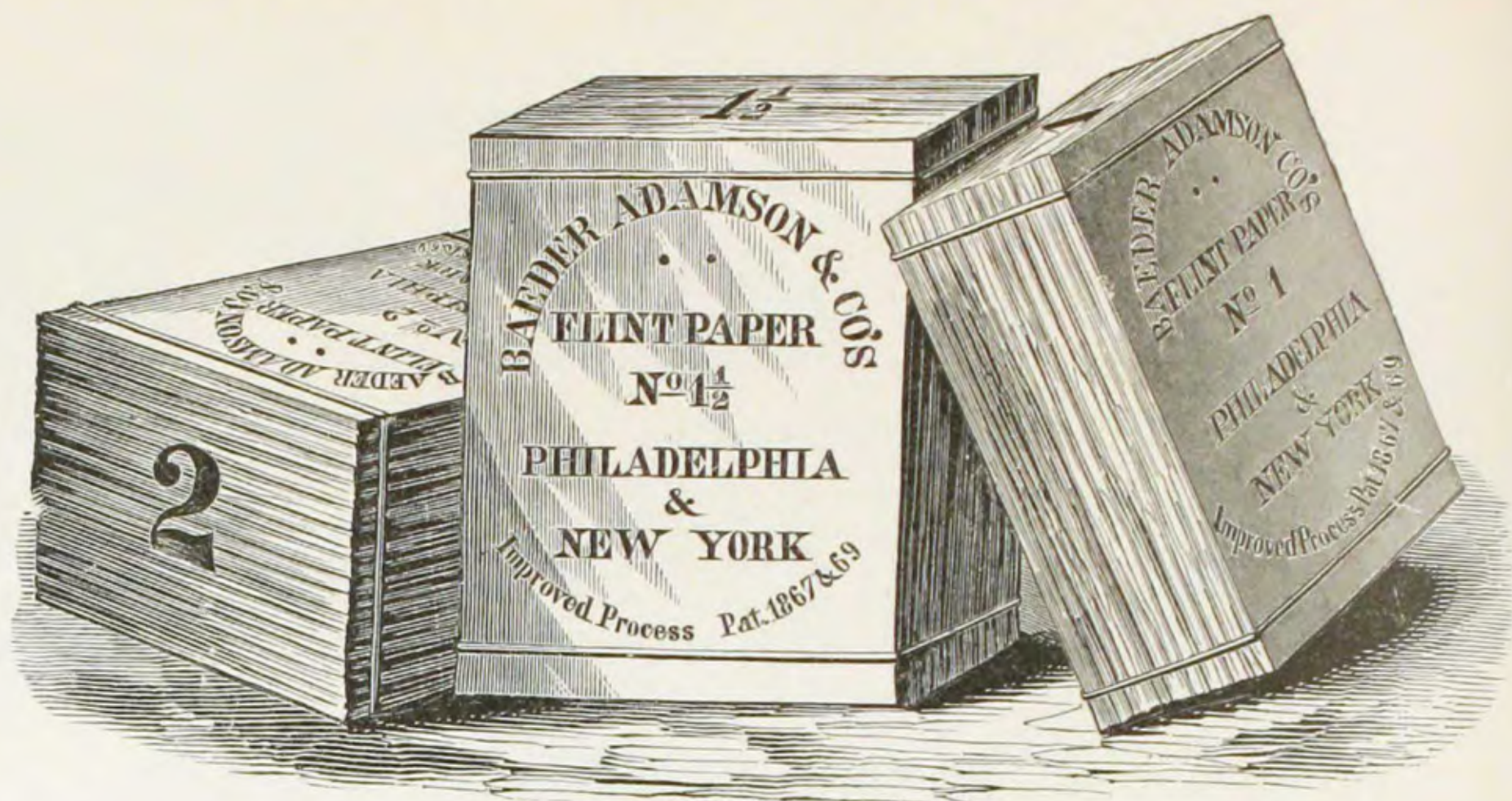
GENUINE TURKISH EMERY

		10 lb. Tin Cans.
Nos. 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36, 40, 46,	per lb.,	\$0.10
Nos. 54, 60, 70, 80, 90, 100, 120, 150,	"	.10
Flour CF, F, FF,	"	.08

Prices furnished on application for Emery in bulk in kegs, half kegs, or quarter kegs.



SAND AND EMERY PAPER AND CLOTH



BAEDER ADAMSON & CO.'S FLINT SAND PAPER

In sheets, 9×11 inches.

Nos.	00	0	1/2	1	1 1/2	2	2 1/2	3	Assorted.
Per ream,	\$4.50	4.50	4.50	4.50	4.50	5.00	5.00	5.00	4.50

Half ream in a package.

Bundles } Nos.	00	0	1/2	1	1 1/2	2	2 1/2	3	Assorted.
contain, } Reams,	5	5	4	3 1/2	3	2 1/2	2	1 1/2	2 1/2

In rolls of 50 yards each and 24 inches wide.

Nos.	00	0	1/2	1	1 1/2	2	2 1/2	3
Per roll,	\$5.00	5.00	5.00	5.00	5.00	5.50	6.00	6.50

30, 36, 40, 42, 48 inches wide furnished to order.

Prices on application.

GARNET PAPER

In sheets, 9×11 inches.

Nos.	00	0	1/2	1	1 1/2	2	2 1/2	3
Per ream,	\$5.50	5.50	5.50	5.50	5.50	6.00	6.50	7.00

Half ream in a package.

EMERY PAPER

In sheets, 9×11 inches.

Nos.	00	0	1/2	1	1 1/2	2	2 1/2	3	Assorted.
No. Emery, Flour	120	90	80	70	60	54	46		
Per ream,	\$6.50	6.50	6.50	6.50	6.50	7.50	9.50	11.50	6.50

Half ream in a package.

In rolls of 50 yards each and 24 inches wide.

Nos.	00	0	1/2	1	1 1/2	2	2 1/2	3
Per roll,	\$6.50	6.50	6.50	6.50	6.50	7.50	9.50	11.50

BAEDER, ADAMSON & CO.'S EMERY CLOTH

In sheets, 9×11 inches.

Nos.	FF	00	0	100	1/2	1
No. of Emery,	Fine Flour	Flour	120	100	90	80
Per ream,	\$18.00	18.00	18.00	18.00	18.00	18.00

Nos.	1 1/2	2	2 1/2	3	Assorted.
No. of Emery,	70	60	54	46	
Per ream,	\$18.00	20.00	24.00	26.00	18.00
Crocus Cloth,					per ream, \$18.00

Quarter ream in a package.

In rolls of 50 yards each.

Nos.	00	1 1/2	2	2 1/2	3
Rolls 9 inches wide, per roll,	\$7.50	9.00	10.50	12.50	
" 18 " " " "	15.00	18.00	21.00	25.00	

R. & E. MFG. CO.'S FLINT SAND PAPER



In sheets, 8 3/4 × 10 1/2 inches wide.

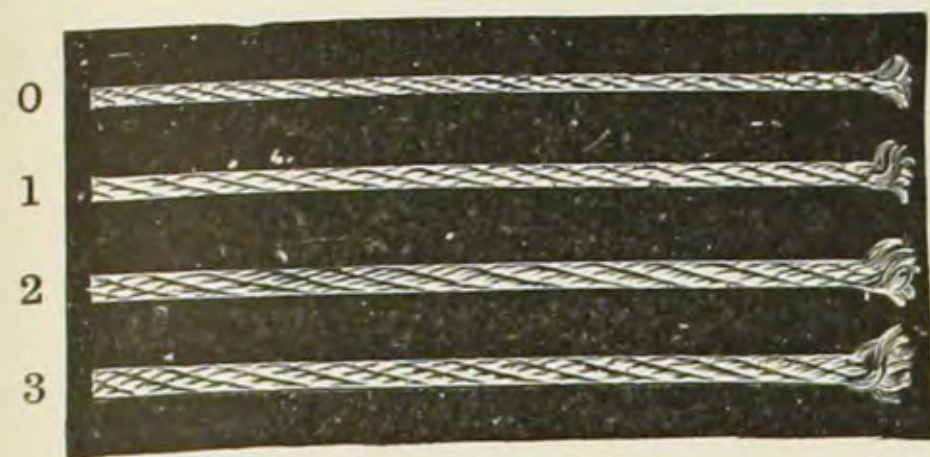
Nos.	0	1/2	1	1 1/2	2	2 1/2	3	Assorted.
Per ream,	\$3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75

Half ream in a package.

Bundles } Nos.	0	1/2	1	1 1/2	2	2 1/2	3	Assorted.
contain, } Reams,	5	4	3 1/2	3	2 1/2	2	1 1/2	2 1/2



SILVER LAKE BRAIDED CHALK LINES

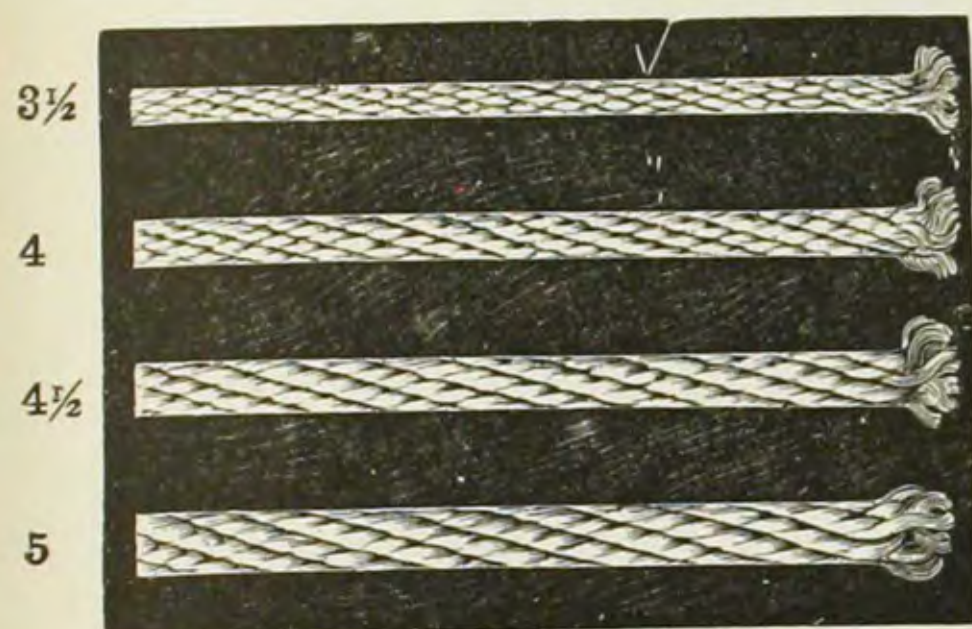


20 feet hanks, 12 hanks in a bundle, all in one piece.

Nos.	0	1	2	3
Per gross,	\$6.00	6.50	7.00	7.50

Half gross in a box.

SILVER LAKE BRAIDED MASONS' OR AWNING LINES



COTTON LINES, WHITE AND DRAB

Nos.	3 1/2	4	4 1/2	5
Length, each, feet,	48	48	48	100
Per dozen,	\$1.50	2.00	2.50	7.50

LINEN LINES

Nos.	3 1/2	4	4 1/2
Length, each, feet,	48	48	48
Per dozen,	\$2.50	3.50	4.50

One dozen hanks in a box, several hanks connected.

R. & E. MFG. CO.'S MASONS' LINES MANHATTAN BRAND

COTTON BRAIDED, WHITE OR DRAB

Nos.	4	4 1/2
Length, each, feet,	48	48
Per dozen,	\$2.00	2.50

One dozen hanks in a box, several hanks connected.

SILVER LAKE BRAIDED GARDEN LINES

ITALIAN HEMP, SIZE OF NO. 4 1/2 MASONS' LINES

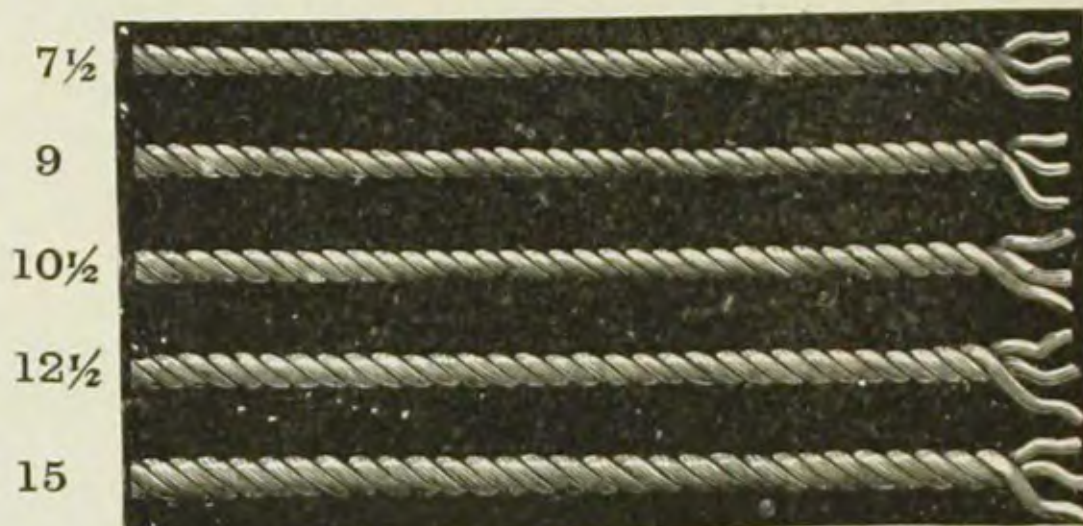
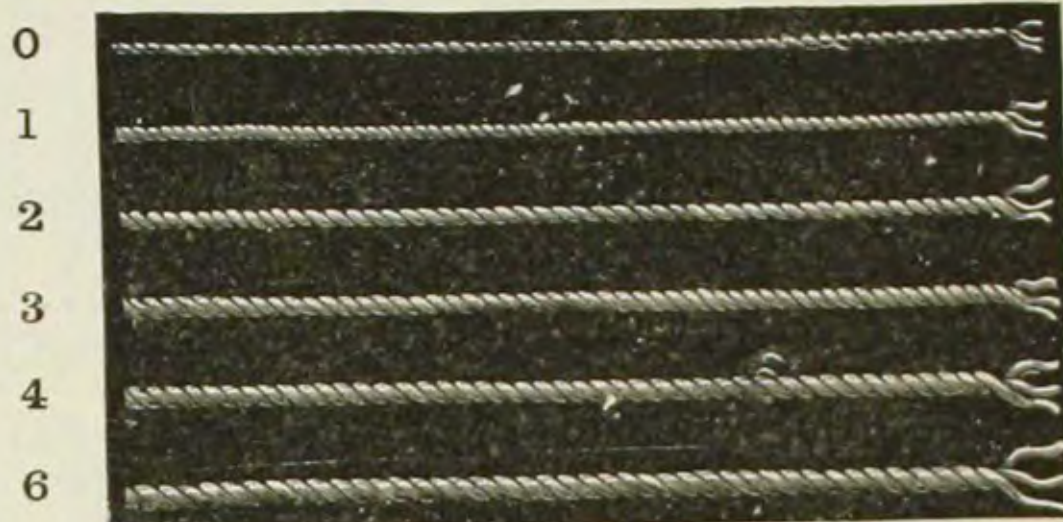
Per dozen,	\$5.00
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In hanks of 100 feet each, two connected.

One dozen hanks in a package.

FINE COTTON CHALK LINES BLEACHED

871



20 feet lengths, twelve lengths joined together.

Nos.	0	1	2	3	4	6
Per gross,	\$2.00	2.00	2.15	2.30	2.40	2.80

Nos.	7 1/2	9	10 1/2	12 1/2	15
Per gross,	\$3.40	3.80	4.25	4.75	5.25

Half gross in a box.

IN 50 FEET BALLS

Nos.	2	3	4	6	7 1/2	9	10 1/2	12 1/2	15
Per gr.,	\$5.50	6.00	7.00	8.00	9.25	10.50	11.75	13.00	14.25

One dozen in a box.

MASONS' COLORED COTTON LINES

Nos.	27	28
Length, feet,	100	50
Per dozen,	\$3.00	1.50

One dozen in a box.

SILVER LAKE BRAIDED COTTON CLOTHES LINES



Length, feet,	50	60	70	75	80	90	100
Per dozen,	\$2.75	3.25	3.75	4.00	4.25	4.75	5.25

One dozen hanks in a bundle, two hanks connected.



THE PIKE MANUFACTURING CO.'S OIL STONES



WASHITA OIL STONES

		Per pound.
Lily White, about $8 \times 2 \times \frac{7}{8}$ to $1 \frac{1}{8}$ in.,		\$0.60
Rosy Red, " $8 \times 2 \times \frac{7}{8}$ to $1 \frac{1}{8}$ "		.60
Extra, " $8 \times 2 \times \frac{7}{8}$ to $1 \frac{1}{8}$ "		.50
No. 1, " $8 \times 2 \times \frac{7}{8}$ to $1 \frac{1}{8}$ "		.40
No. 2, " $8 \times 2 \times \frac{7}{8}$ to $1 \frac{1}{8}$ "		.30
Axe, " $2 \times 2 \times \frac{3}{4}$ to $1 \frac{1}{8}$ "		.24

In boxes of 14 and 25 pounds.

ARKANSAS OIL STONES

Asst. Quality.	No.		Hard. Per lb.	Soft. Per lb.
A	1	3 to $5 \frac{1}{2} \times 1 \frac{3}{4}$ to $2 \times \frac{3}{4}$ to 1 in.,	\$2.80	\$1.50
B	1	$5 \frac{1}{2}$ to 8 $\times 1 \frac{3}{4}$ to $2 \times \frac{3}{4}$ to 1 "	3.50	1.70
C	1	8 to 12 $\times 1 \frac{3}{4}$ to $2 \times \frac{3}{4}$ to 1 "	4.00	1.90
D	2	3 to $5 \frac{1}{2} \times 1 \frac{3}{4}$ to $2 \times \frac{3}{4}$ to 1 "	1.00	.50
E	2	$5 \frac{1}{2}$ to 8 $\times 1 \frac{3}{4}$ to $2 \times \frac{3}{4}$ to 1 "	1.50	.70



WASHITA SLIPS

	About 3 to $5 \times 1 \frac{3}{4}$ to $2 \times \frac{3}{8}$ to $\frac{5}{8}$ back $\times \frac{1}{8}$ to $\frac{5}{16}$ in. edge.	
Lily White,	per pound,	\$0.90
Rosy Red,	" "	.90
Extra,	" "	.80
No. 1,	" "	.70
No. 2,	" "	.40

PENKNIFE PIECES

3 to 5×1 to $1 \frac{1}{4} \times \frac{1}{4}$ to $\frac{5}{8}$ in.,	per lb.,	\$0.70
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In 5 pound slide-cover boxes.

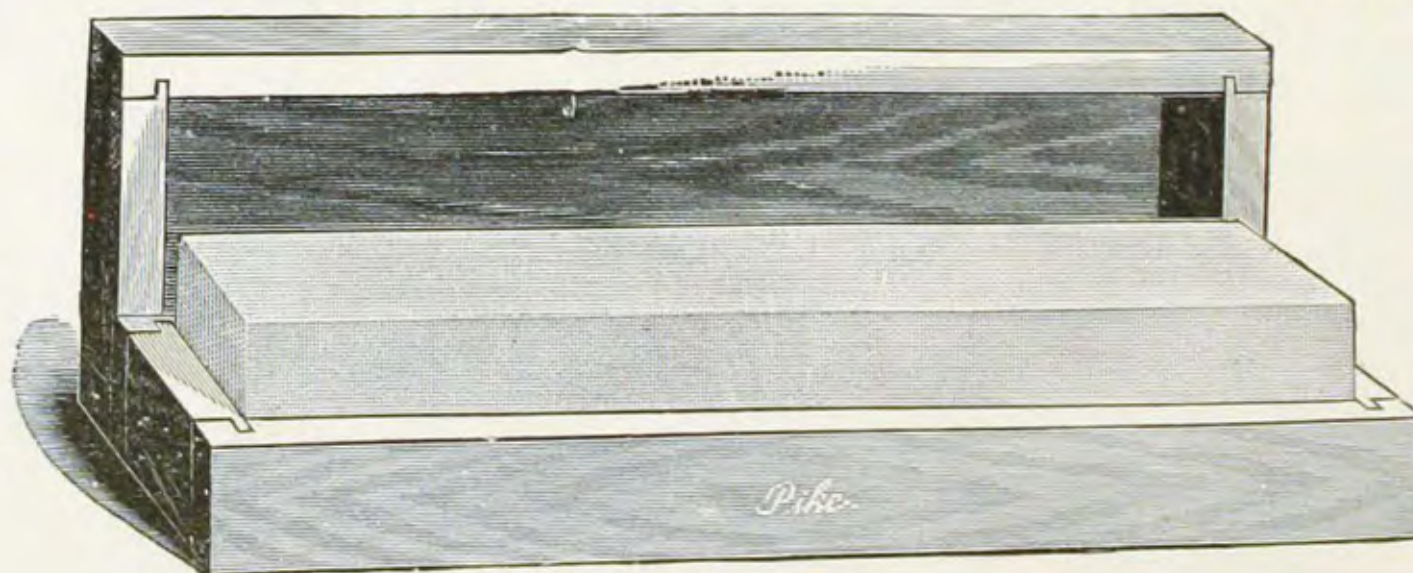
ARKANSAS SLIPS

No.		Hard. Per lb.	Soft. Per lb.
1	Regular, 3 to $5 \times 1 \frac{3}{4}$ to $2 \times \frac{3}{8}$ to $\frac{5}{8}$ in. back $\times \frac{1}{8}$ to $\frac{3}{8}$ in. edge,	\$4.00	\$2.50
1	Small, 3 to $5 \times 1 \frac{1}{4}$ to $1 \frac{1}{2} \times \frac{1}{4}$ to $\frac{3}{8}$ in. back $\times \frac{1}{8}$ in. to sharp edge,	7.00	4.00
2	Assorted Sizes,	2.50	1.00

PENKNIFE PIECES

No.		Hard. Per lb.	Soft. Per lb.
1	3 to $4 \frac{1}{2} \times 1$ to $1 \frac{1}{4} \times \frac{3}{8}$ to $\frac{5}{8}$ in.,	\$4.00	2.50
2	Assorted Sizes,	2.00	1.00

MOUNTED OIL STONE IN CHERRY CASES



WASHITA

		No. 1	Lily White and Rosy Red.
9 $\times 2$ inches,	per dozen,	\$14.00	\$16.00
8 $\times 2$ "	" "	12.00	14.00
7 $\times 2$ "	" "	11.00	13.00
6 $\times 2$ "	" "	10.00	11.50
5 $\times 2$ "	" "	9.00	10.00
4 $\times 1 \frac{1}{2}$ "	" "	7.00	9.00
3 $\frac{1}{2} \times 1$ "	" "	5.50	6.00

ARKANSAS

		Hard.	Soft.
8 $\times 2$ inches,	per dozen,	\$40.00	\$24.00
7 $\times 2$ "	" "	36.00	20.00
6 $\times 2$ "	" "	30.00	18.00
5 $\times 2$ "	" "	24.00	15.00
4 $\times 1 \frac{1}{2}$ "	" "	14.00	10.00
3 $\frac{1}{2} \times 1$ "	" "	9.00	7.00
4 $\times 1$ "	" "	7.00	5.00

Size, 4×1 inch on Mahogany Handles.

THE PIKE MANUFACTURING CO.'S OIL AND WATER STONES



HINDOSTAN STONES

No. 1	Regular, 8×2 to 2¼×¾ to 1½ inch,	per lb.,	\$0.08
No. 1	Small, about 8×2×½ to 1 inch,	" "	.10
Washita Finish,	8×2 to 2¼×¾ to 1¼ inch,	" "	.10
"	Small abt. 8×2×½ to 1 inch,	" "	.12
100 pounds in a case.			

HINDOSTAN SLIPS

Round Edge Slips, 6×1½ to 2×½ to ¾×½ to ¼ inch,	per pound,	\$0.20
Plain Slips, 6×1¼ to 2×¾ to ¾ inch,	" "	.12

50 pounds in a case.

AXE STONES

Hindostan, Special Size, inches,	2½×1½×½	10 pound boxes,	per pound, \$0.18
" Small	about, 3×2×½ to 1	100 "	" "
" Large	4×2×¾ to 1¼	100 "	" "
Washita, Queer Creek,	2×2×¾ to 1½	10 "	" "
	2½ to 3×1½ to 2×¾ to ¾, 10 pound boxes,		.20

SAND STONE



MOUNTED

per dozen, \$2.00

In Neat Wood Cases,

UNMOUNTED

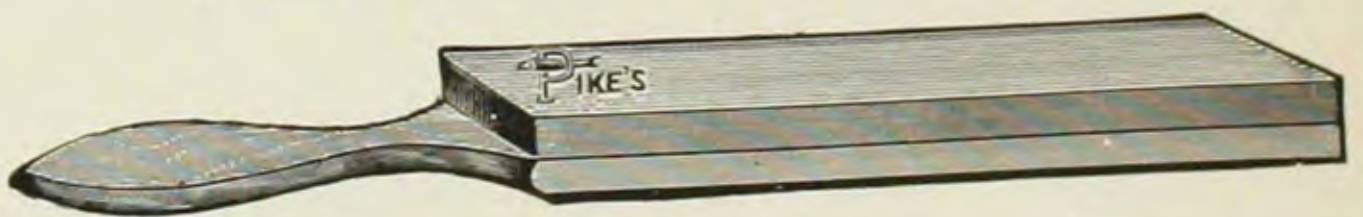
each, per pound, \$0.05
" " " .05
" " " .05
" " " .06
" " " .06
" " " .08

Small, about	8×1½×1¼ inches, weighing about	1 pound,
Medium, " 8 to	8½×2×1½	" "
Large, " 8½ to	9×2½×2	" "
Small Table, " 9 to	9½×2½×2	" "
Large Table, " 10	×4×2	" "
Extra Selected, all white, above sizes,		

100 pounds in a case.



QUICK EDGE POCKET KNIFE HONES

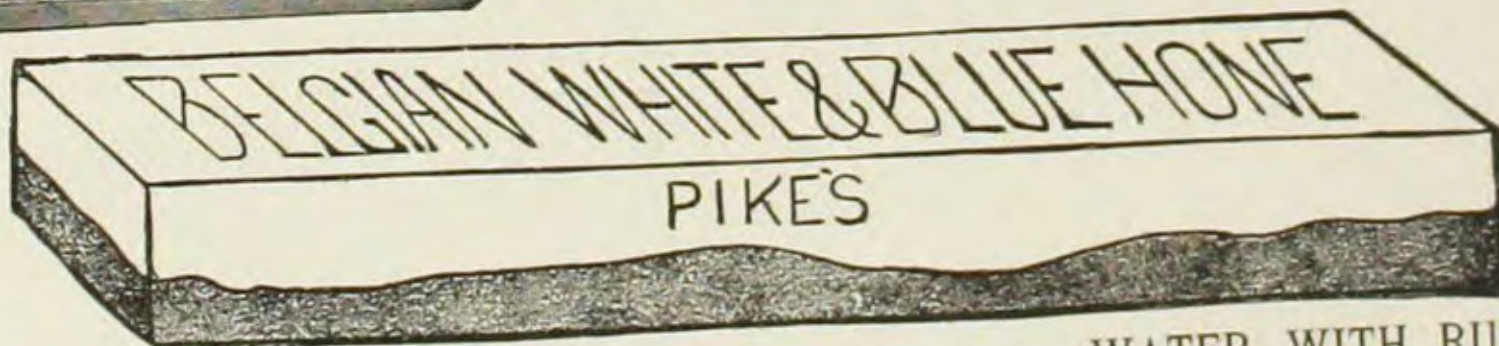


Specially adapted for office, as well as general use.

In Counter Display Boxes (as per illustration),

per dozen, \$3.00

RAZOR HONES



WATER, WITH RUBBERS

Size, inches,	5	6	7	8	9	10	Blue Green, inches,	6	7	8	9	10
Common, per dozen,	\$2.00	3.00	4.00				Per dozen,	\$4.00	6.00	8.00	10.00	12.00
Fine, " "	3.00	5.00	9.00	16.00								
Superfine, " "	5.00	8.00	13.00	24.00	40.00	50.00						

Half dozen in a wooden box.

One-third dozen in a package.



THE PIKE MFG. CO.'S SCYTHE STONES



BLACK DIAMOND
No. 1
No. 2
per gross, \$12.00
" " 8.00



LAMOILLE
Per gross, \$11.00



WHITE MOUNTAIN
Per gross, \$9.00



GREEN MOUNTAIN
Per gross, \$6.00



INDIAN POND
Extra,
No. 1 per gross, \$7.50
No. 2 " " 7.00
" " 5.00
Above, half gross in a case.

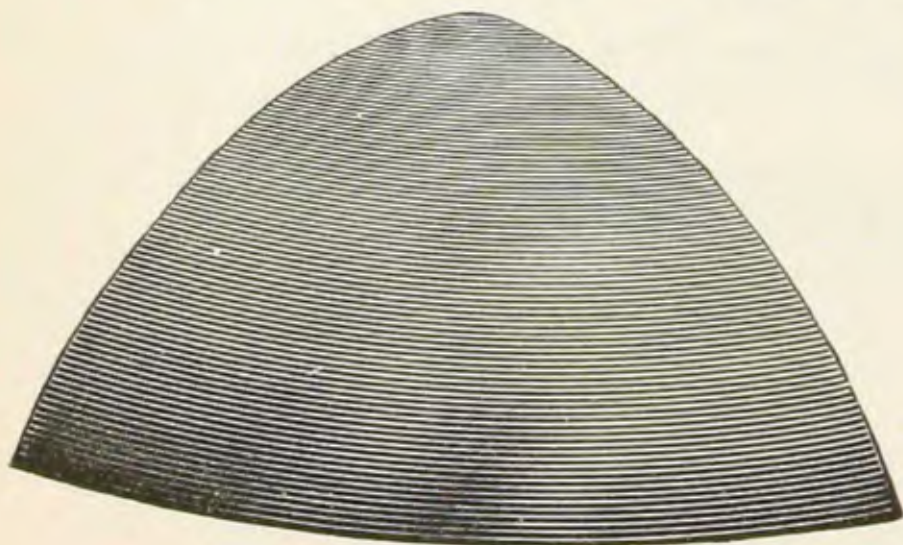
SCYTHE RIFLES



No. 1	Extra, 4 Coat, Sharp Grit,	Per gross, \$11.00	No. 2	3 Coat,	Per gross, \$8.88	No. 5	2 Coat,	Per gross, \$7.75
1	4 " Tickler,	10.00	3	3 " White,	9.00	6	2 " Narrow,	6.25
One dozen in a box.								

HOLLOW CABLE-LAID WIRE CLOTHES LINES
GALVANIZED

No. 1	No. 2	No. 3	No. 4	Nos.	1	2	3	4
				Strands,	7	9	12	11
				Wire No.	22	22	22	20
				100 ft. Coils, per dozen,	\$4.50	6.00	7.50	10.00
				75 " " " "	3.38	4.50	5.63	7.50
				50 " " " "	2.25	3.00	3.75	5.00



CARPENTERS' PREPARED CHALK

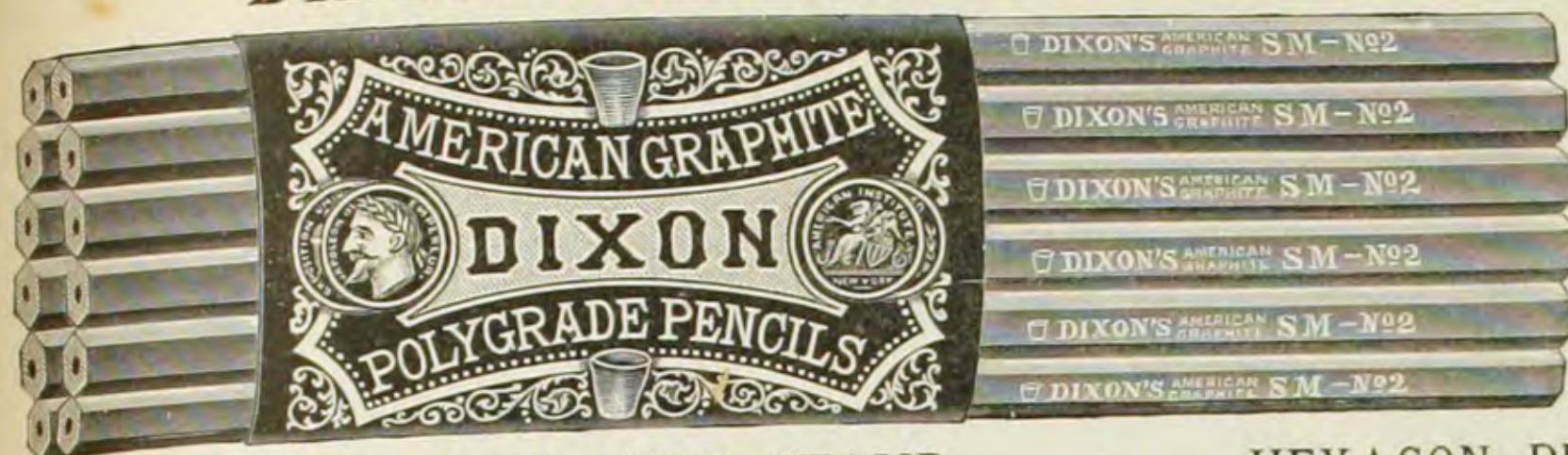
White,
Red,
Blue,
per gross, \$
" "
" "
Half gross in a box. Twenty-five gross in a case.

CHALK CRAYONS

White,
" Empire brand,
" Dustless,
per gross, \$
" "
" "
One gross in a box.



DIXON'S AMERICAN GRAPHITE PENCILS



S—Soft,	Old Style.
SB—Soft Black,	No. 1
SM—Soft Medium,	No. 1½
MB—Medium Black,	No. 2
M—Medium,	No. 2½
MH—Medium Hard,	No. 3
H—Hard,	No. 3½
VH—Very Hard,	No. 4
	No. 5

ROUND PENCILS, GOLD STAMP

Finish.	S	SB	SM	MB	M	MH	H	VH
No.	No.	No.	No.	No.	No.	No.	No.	No.
Cedar,	141		142	142½	143	143½	144	145
Satin,	151	151½	152	152½	153	153½	154	155
Black,			106		107			
Maroon,			111		112			

Per gross, \$7.50.

HEXAGON PENCILS, GOLD STAMP

Finish.	S	SB	SM	MB	M	MH	H	VH
No.	No.	No.	No.	No.	No.	No.	No.	No.
Cedar,	122		123	123½	124	124½	125	126
Satin,	166	166½	167	167½	168	168½	169	170
Maroon,			116		117			

Per gross, \$10.40.

FINE OFFICE PENCILS



Gold Stamp

No. 489	Stenographer, Round, Cedar Finish	No. 1,
No. 490	"	No. 2,
No. 491	"	No. 3,

per gross, \$7.50
 " " 7.50
 " " 7.50



Gold Stamp

No.	Cabinet, Round, Satin Finish	No. 2,	Per gross.	No.	Cabinet, Hexagon, Satin Finish	No. 2,	Per gross.
No. 720	"	No. 3,	\$4.65	No. 722	"	No. 3,	\$5.65
No. 721	"	No. 2,	4.65	No. 723	"	No. 3,	5.65
No. 745	"	Maroon " No. 2,	4.65	No. 747	"	Maroon " No. 2,	5.65
No. 746	"	" " No. 3,	4.65	No. 748	"	" " No. 3,	5.65
No. 1250	"	White " No. 2,	4.65	No. 1256	"	White " No. 2,	5.65
No. 1252	"	" " No. 3,	4.65	No. 1258	"	" " No. 3,	5.65

Gold Stamp
Tablet Size

No.	Secretary, Round, Cedar Finish	No. 2,	Per gross.	No.	Secretary, Hexagon, Cedar Finish	No. 2,	Per gross.
No. 754	"	No. 3,	\$4.65	No. 764	"	No. 3,	\$5.65
No. 755	"	No. 2,	4.65	No. 765	"	No. 3,	5.65
No. 756	"	Satin " No. 2,	4.65	No. 768	"	Maroon " No. 2,	5.65
No. 757	"	" " No. 3,	4.65	No. 769	"	" " No. 3,	5.65
No. 1253	"	White " No. 2,	4.65	No. 1259	"	White " No. 2,	5.65
No. 1255	"	" " No. 3,	4.65	No. 1261	"	" " No. 3,	5.65

Gilt Stamp
Tablet Size

No.	Note Book, Round, Cedar Finish	No. 2,	Per gross.	No.	Note Book, Hexagon, Cedar Finish	No. 2,	Per gross.
No. 750	"	Nickel Cap, \$4.15		No. 752	"	Nickel Cap, \$4.65	
No. 751	"	No. 3, Nickel Cap, 4.15		No. 753	"	No. 3, Nickel Cap, 4.65	
No. 774	"	Maroon " No. 2, Nickel Cap, 4.15		No. 778	"	Ebony " No. 2, Nickel Cap, 4.65	
No. 775	"	" " No. 3, Nickel Cap, 4.15		No. 779	"	" " No. 3, Nickel Cap, 4.65	

per gross, \$12.00
" " 12.00

No. 1150	Monarch, Hexagon Taper, Maroon Finish	No. 2, Rubber Plug,
No. 1152	"	No. 3, " "

Gilt Stamp
Tablet Size

No. 1160	Dainty, Hexagon Taper, Maroon Finish	No. 2, Nickel Tip and Rubber,
No. 1162	"	No. 3, " " "

Above, half gross in a box.

per gross, \$7.20
" " 7.20

DIXON'S AMERICAN GRAPHITE PENCILS

Silver
StampNo.
1000
1016
1032

Ambassador, Round Taper, Satin Finish No. 2, Rubber Plug,
Round Taper, Tablet Size, " " No. 2, " "
Polytechnic, Round Taper, " " No. 2, Large Rubber Tablet,
One dozen in a box. Six boxes in a carton.

Per gross.
\$7.20
7.20
7.20Gold
StampNo.
282
283
284
285

Talisman, Round, Satin Finish No. 2,
" " " " No. 3,
" " Cedar " No. 2,
" " " " No. 3,

Per gross.

\$5.15
5.15
5.15
5.15No.
290
291
292
293

Talisman, Hexagon, Satin Finish No. 2,
" " " " No. 3,
" " Cedar " No. 2,
" " " " No. 3,

Per gross.
\$6.25
6.25
6.25
6.25Gold Stamp
Tablet SizeNo.
702
703
704
705

Mascot, Round, Satin Finish No. 2,
" " " " No. 3,
" " Cedar " No. 2,
" " " " No. 3,

Per gross.

\$5.15
5.15
5.15
5.15No.
710
711
712
713

Mascot, Hexagon, Satin Finish No. 2,
" " " " No. 3,
" " Cedar " No. 2,
" " " " No. 3,

Per gross.
\$6.25
6.25
6.25
6.25

MEDIUM PENCILS, GOLD STAMP

No.
739
736
972
973

Round, Metropolitan, Maroon Finish No. 2,
" " " " No. 3,
" " Satin " No. 2,
" " " " No. 3,

Per gross.

\$3.10
3.10
3.10
3.10No.
974
975
251
252

Hexagon, Metropolitan, Satin Finish, No. 2,
" " " " No. 3,
Round, Raven, Black " No. 2,
" " " " No. 3,

Per gross.
\$3.75
3.75
3.65
3.65

Above, one-half gross in a box.

CHEAP PENCILS

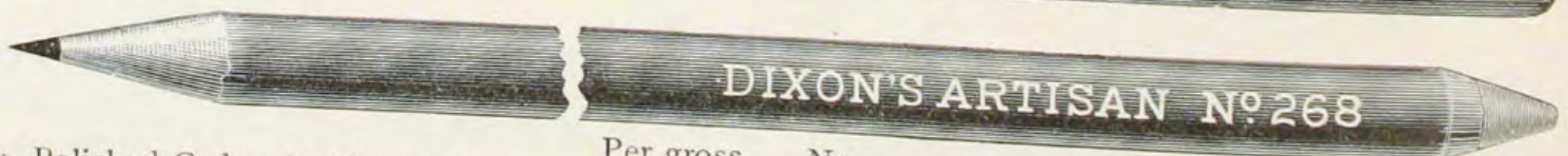
No.
D
259
258
254
262
800

Round, Plain Cedar, Blind Stamp,
" " " " "
" Polished " " "
" " Black, " "
" " Red, " "
" " Natural, " "

Per gross.

\$0.90
1.10
1.20
1.40
1.40
1.40No.
264
270
246
253
245
261

Hexagon, Plain Cedar, Blind Stamp
" Polished Red, " "
Round, Red Coat, Gilt "
" Jet Black, " "
Hexagon, Red Coat, " "
" Jet Black, " "

Per gross.
\$1.40
1.60
1.90
1.90
2.35
2.35Blind
StampNo.
265
266
267

Daisy, Polished Cedar, Rubber Tablet,
" " Black, " "
" " Red, " "

Per gross.

\$1.90
2.10
2.10No.
268
269
271

Artisan, Polished Cedar, Rubber Plug,
" " Red, " "
" " Black, " "

Per gross.
\$1.65
1.90
1.90

Above, one gross in a box.



DIXON'S CLOTH AND MARKING PENCILS

Gold
Stamp

No. 343	7 inches, Round, Brown,	per gross, \$12.50	No. 353	7 inches, Round, Yellow,	per gross, \$12.50
No. 349	7 " " Red,	" " 12.50	No. 354	7 " " Green,	" " 12.50
No. 350	7 " " Blue,	" " 12.50	No. 355	7 " " Sepia,	" " 12.50
No. 351	7 " " Terra Cotta,	" " 12.50			

Half gross in a box.

Gold
Stamp

No. 331	7 inches, Red, Red Finish, Triangular, Mammoth Size,	per gross, \$12.50
No. 332	7 " Blue, Blue " " " "	" " 12.50

Gilt
Stamp

No. 815	Polished, Red Finish, Extra Large, Red Lead,	per gross, \$12.50
No. 818	Blue " " " " " "	" " 12.50

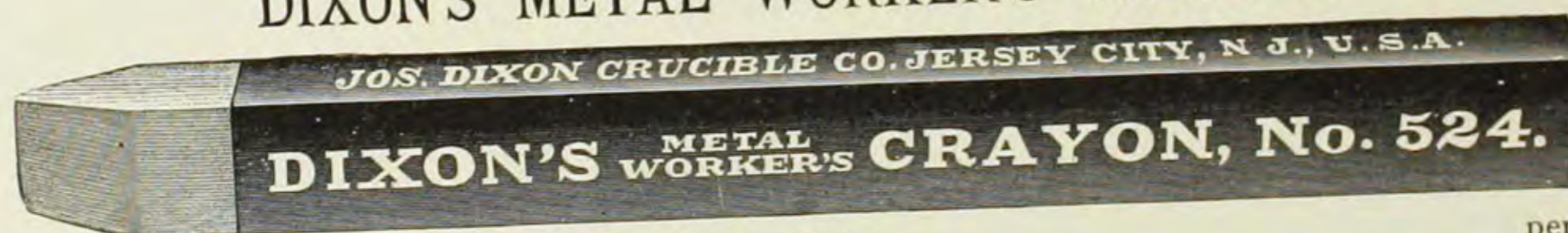


No. 786	Solid Round Crayons, Blue,	per gross, \$12.50	No. 904	Solid Hexagon Crayons, Red,	per gr., \$12.50
No. 380	" " " Terra Cotta,	" " 12.50	No. 905	" " " Black,	" " 12.50
No. 382	" " " Green,	" " 12.50	No. 906	" " " Yellow,	" " 12.50
No. 384	" " " Black,	" " 12.50	No. 907	" " " Blue,	" " 12.50
No. 385	" " " Yellow,	" " 12.50	No. 908	" " " Terra Cotta,	" " 12.50
No. 386	" " " Red,	" " 12.50	No. 909	" " " Green,	" " 12.50
No. 387	" " " Brown,	" " 12.50			

One dozen in a box.

Six boxes in a carton.

DIXON'S METAL WORKER'S CRAYONS



per gross, \$5.25

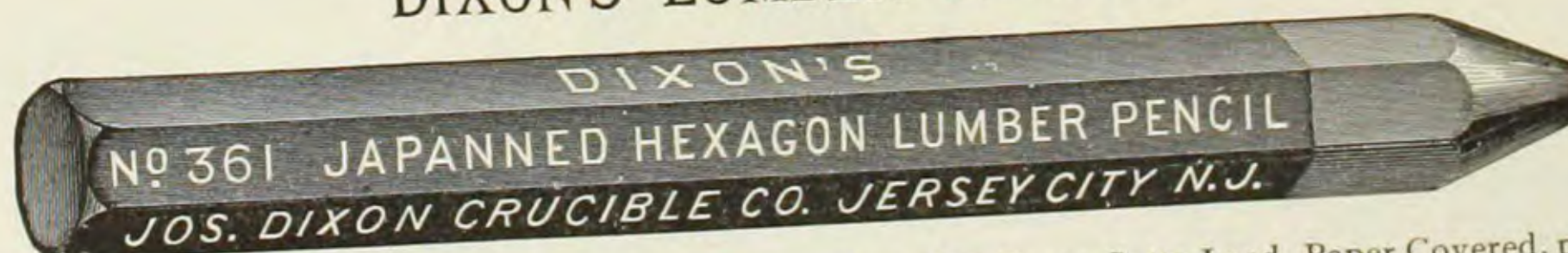
No. 524 Sawed out of Solid Soap Stone, Flat Shape, Chisel Point,



per gross, \$11.50

No. 525 Sawed out of Solid Soap Stone,

DIXON'S LUMBER PENCILS

 $\frac{1}{2}$ inch in
diameter. $4\frac{3}{4}$ inch long.

No. 361	Regular Black Lead, Japanned,	per gr., \$10.50	No. 497	Terra Cotta Lead, Paper Covered,	per gross, \$15.00
No. 362	Harder Grade, Stamped H, Japanned,	" " 10.50	No. 520	Red " " " " "	" " 15.00
No. 365	Soft for Green Lumber, Paper Cov'd,	" " 10.50	No. 521	Blue, " " " " "	" " 15.00
No. 496	Yellow Lead, Paper Covered,	" " 15.00	No. 522	Green, " " " " "	" " 15.00

Half gross in a box.

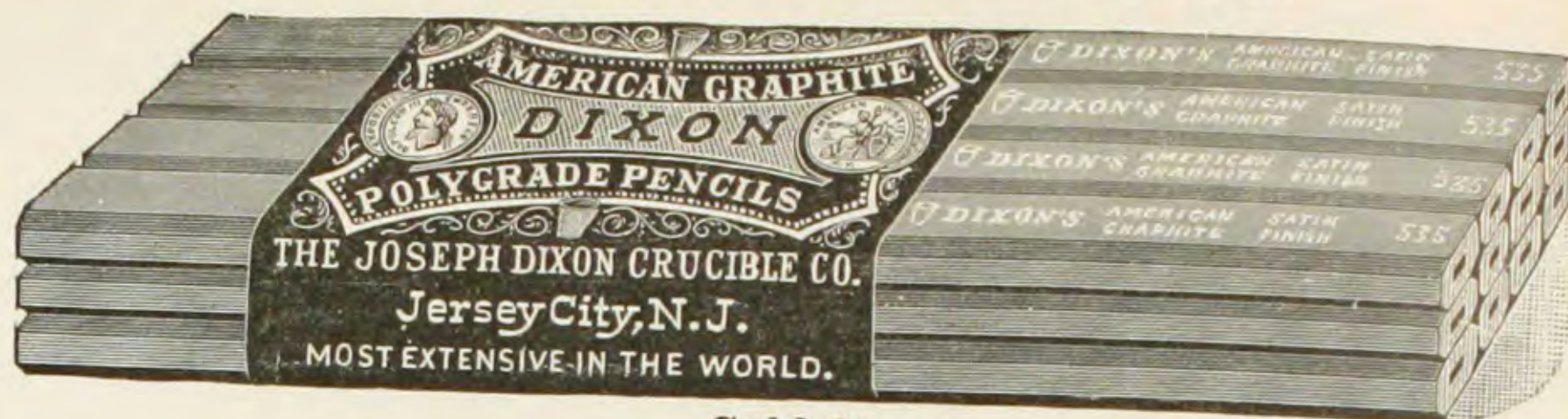
R. & E. MFG. CO.'S LUMBER PENCILS

per gross, \$7.50
" " 7.50Hard Black Lead, Japanned, similar to No. 361 (Dixon's),
Soft " " " " " "

Half gross in a box.



DIXON'S CARPENTERS' PENCILS



Gold Stamp

No. 220	7 inch, Oval, Cedar Finish,	per gross, \$6.30	No. 226	7 inch, Oval, Maroon Finish,	per gross, \$6.30
No. 221	9 " " " " " "	" " 8.90	No. 227	9 " " " " " "	" " 8.90
No. 222	12 " " " " " "	" " 11.30	No. 228	12 " " " " " "	" " 11.30
No. 223	7 " " " " " " Satin	" " 6.30	No. 535	7 " Beveled, Satin	" " 11.30
No. 224	9 " " " " " " " "	" " 8.90	No. 536	9 " " " " " " " "	" " 6.30
No. 225	12 " " " " " " " "	" " 11.30	No. 537	12 " " " " " " " "	" " 8.90



DIXON'S FRAMERS

MAROON FINISH, GOLD STAMP, H LEADS

No. 538	7 inch, Beveled,	per gross, \$6.30
No. 539	9 " " "	" " 8.90
No. 540	12 " " "	" " 11.30

DIXON'S SHOP COMPANION

TORTOISE FINISH, GOLD STAMP

No. 517	7 inch, Oval,	per gross, \$6.30
No. 518	9 " " "	" " 8.90
No. 519	12 " " "	" " 11.30

POLISHED CEDAR, STAMPED DIXON, IN GOLD

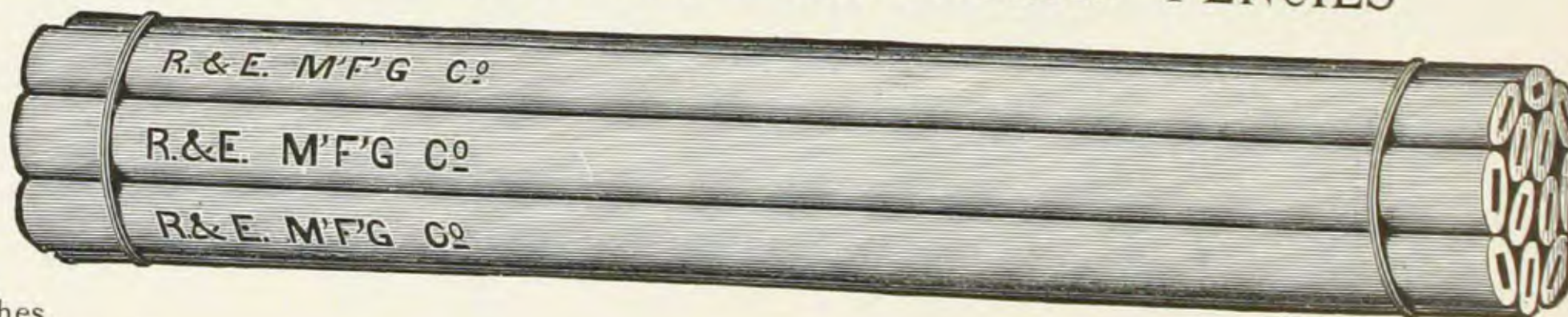
No. 511	7 inch, Beveled,	per gross, \$5.00	No. 532	7 inch, Oval,	per gross, \$5.00
No. 512	9 " " "	" " 6.50	No. 533	9 " " "	" " 6.50
No. 513	12 " " "	" " 8.70	No. 534	12 " " "	" " 8.70

ROUND CARPENTERS' PENCILS

No. 785 Mechanics, Maroon Finish, Gilt Stamp,

per gross, \$5.20

R. & E. MFG. CO.'S CARPENTERS' PENCILS

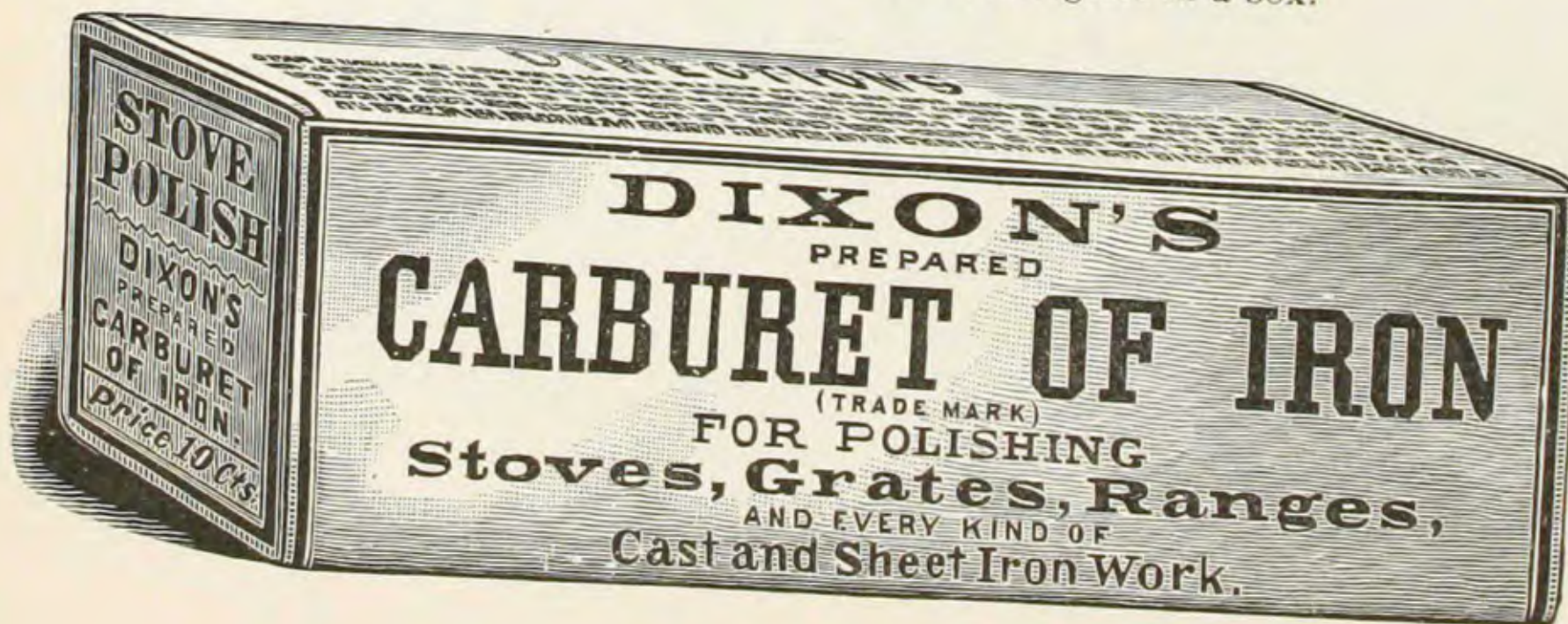


Length, inches,
Polished Cedar, Oval,
Stained Red, " "
Whitewood, " "

6 inch Rule stamped in Blue ink,

Above, half gross in a box.

7	9	12
per gross, \$3.35	4.10	5.50
" " 3.35	4.10	5.50
" " 2.60	3.15	4.10

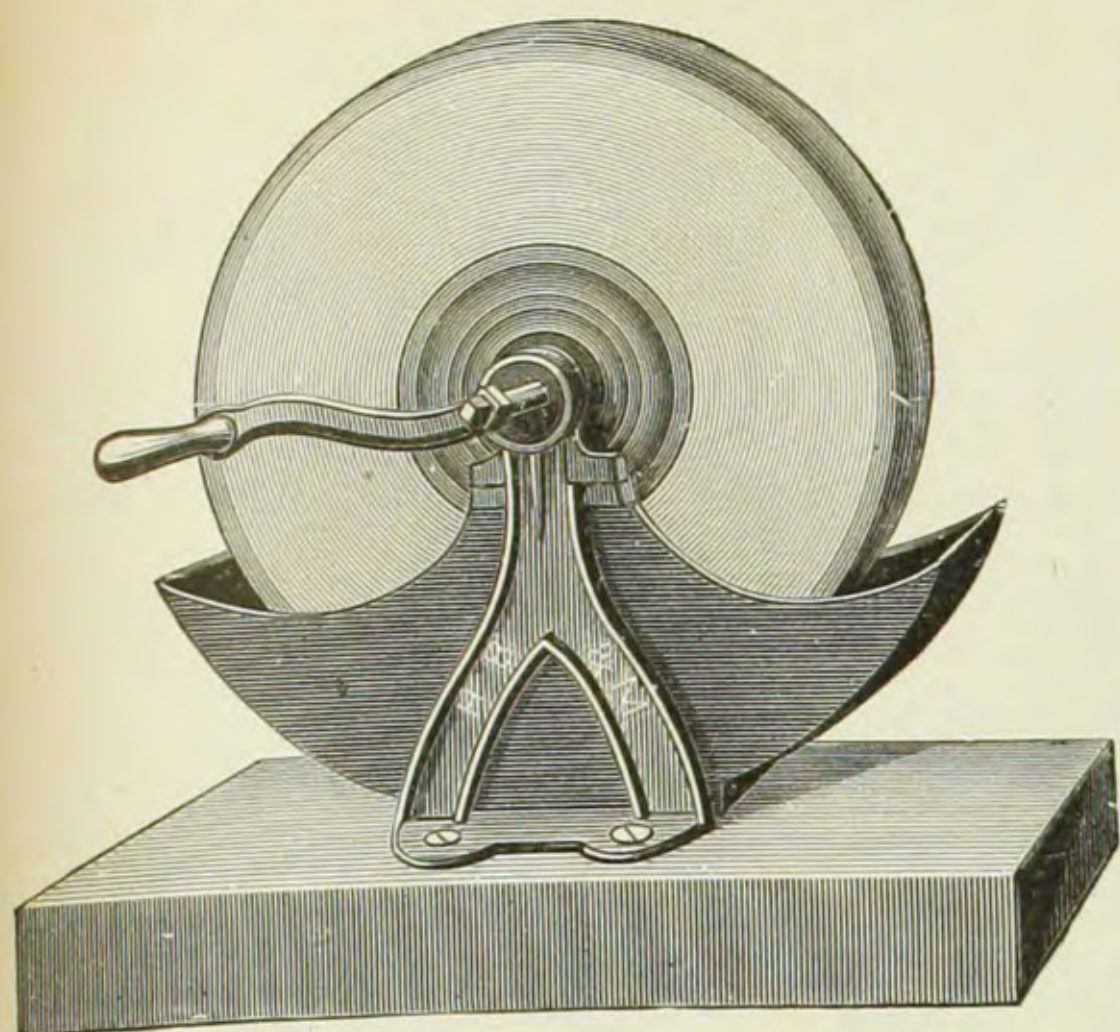


DIXON'S STOVE POLISH

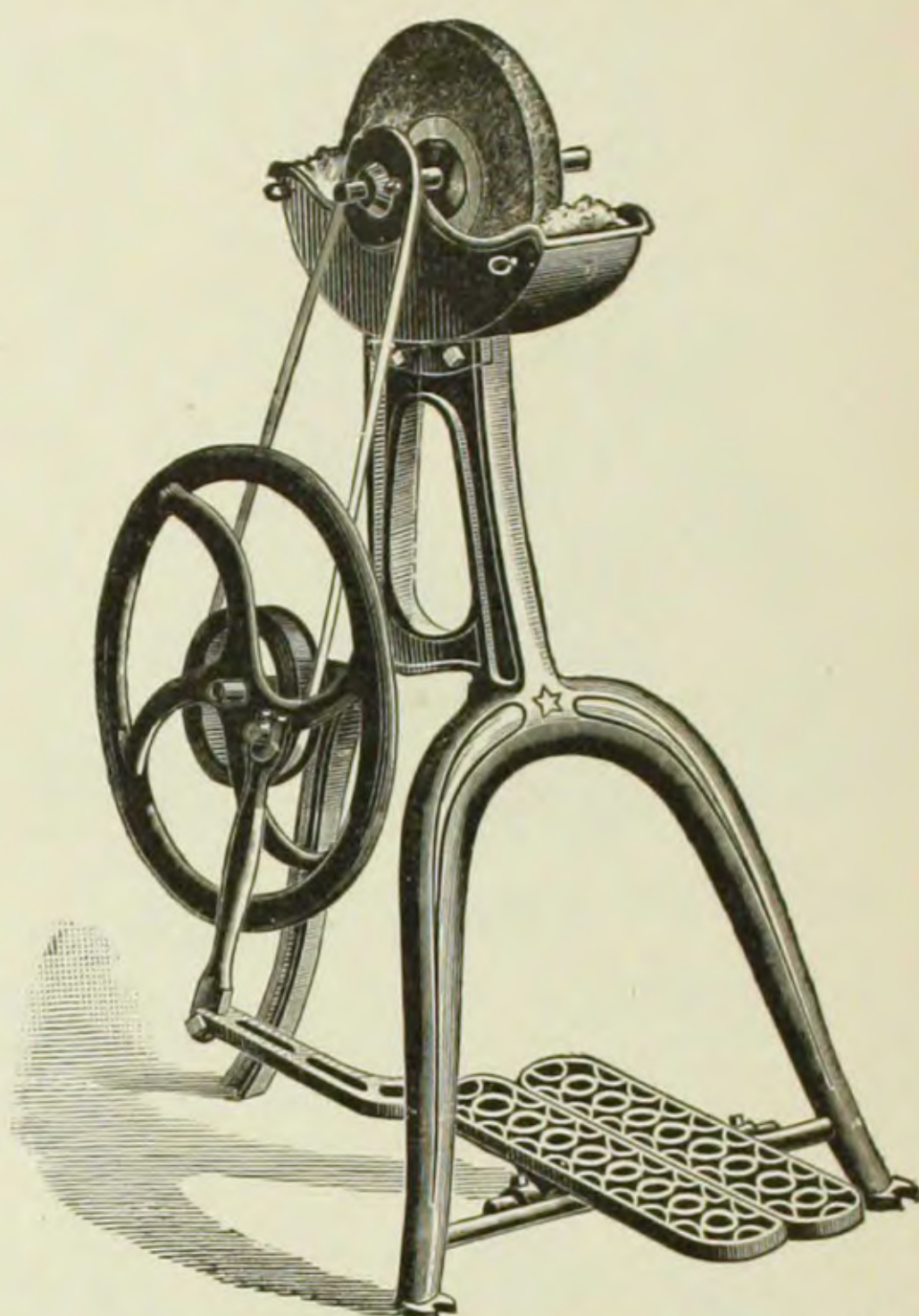
Per gross, \$10.00
Half gross in a case.



FAMILY GRINDSTONES



Diameter, inches, Per dozen,	6 \$10.00	7 12.00	8 14.00	9 16.00
Diameter, inches, Per dozen,	10 \$18.00	11 21.00	12 21.00	
Half dozen in a case.				

MILLER'S FALLS
FAMILY GRINDSTONES

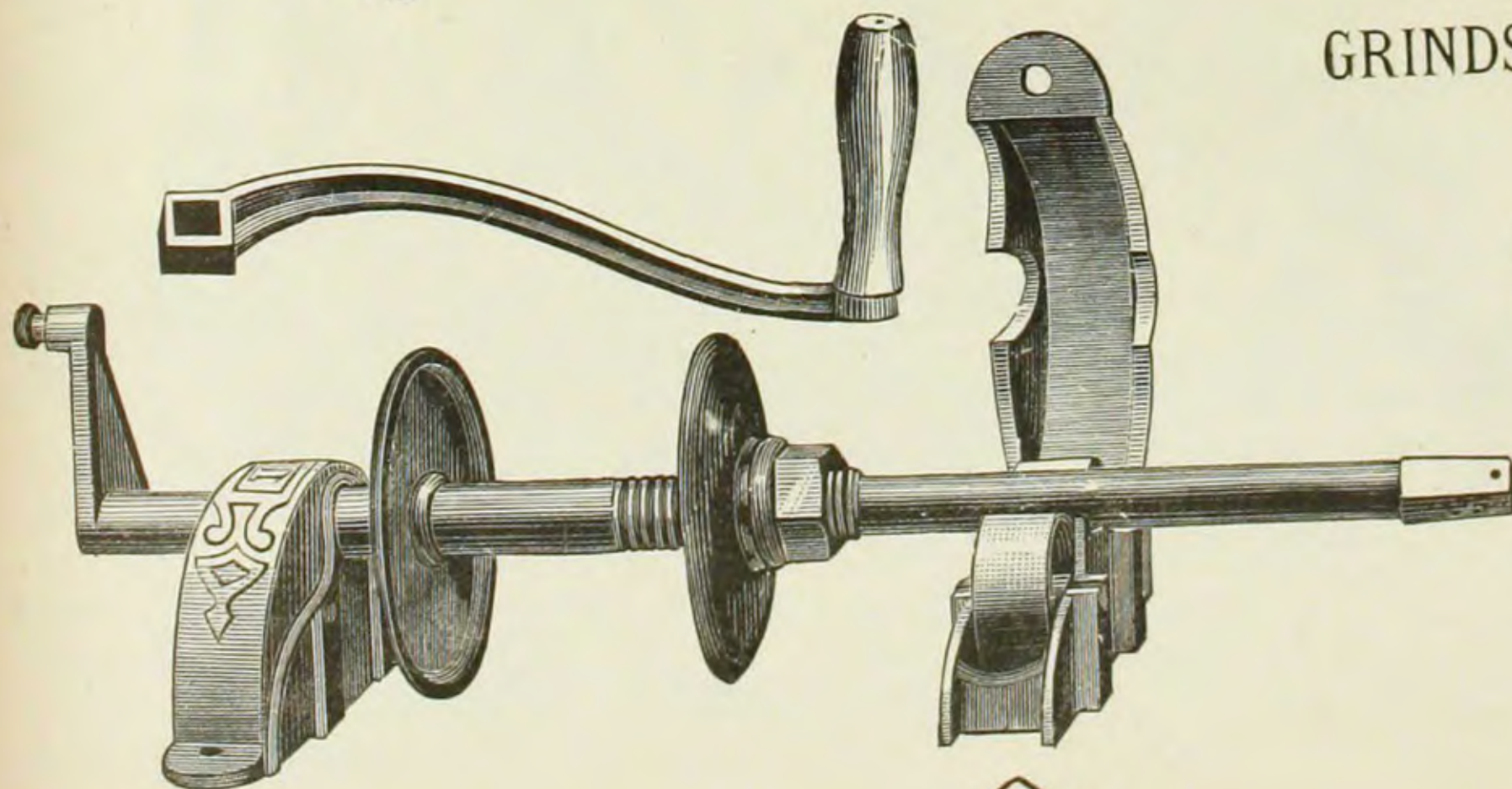
No. 2 Iron Frame,

each, \$4.00

MOUNTED GRINDSTONES

No. 1	Stone weighs 100 to 110 lbs., 1 3/4 to 2 1/4 inches thick,	each, \$6.00
No. 2	" " 70 to 80 " " " " "	" 5.00
No. 3	" " 40 to 50 " " " " "	" 4.50

GRINDSTONE FIXTURES



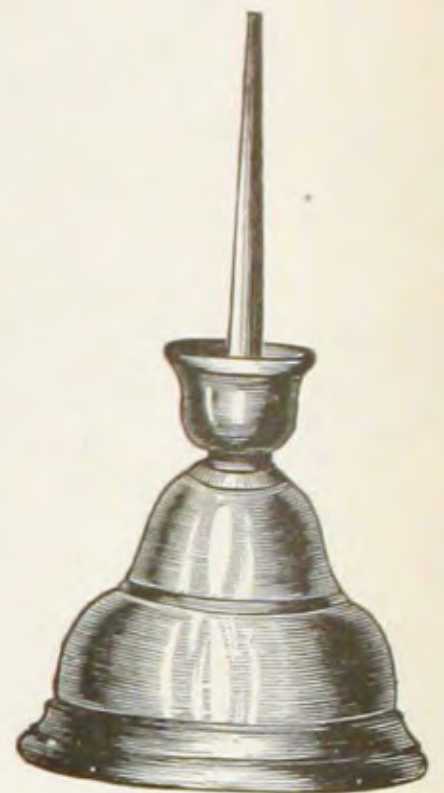
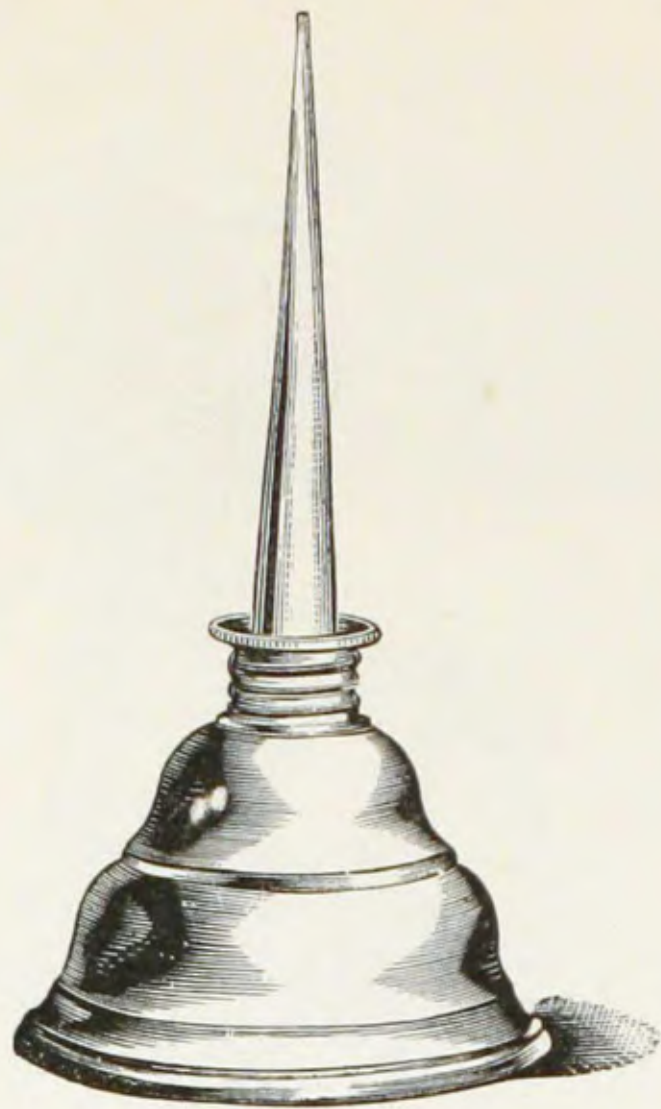
Nos.	15	17	19
Size, inches,	15	17	19
Per dozen, \$	13.50	14.00	15.70

Nos.	21	24
Size, inches,	21	24
Per dozen, \$	18.75	19.20

Half dozen in a case.



OILERS



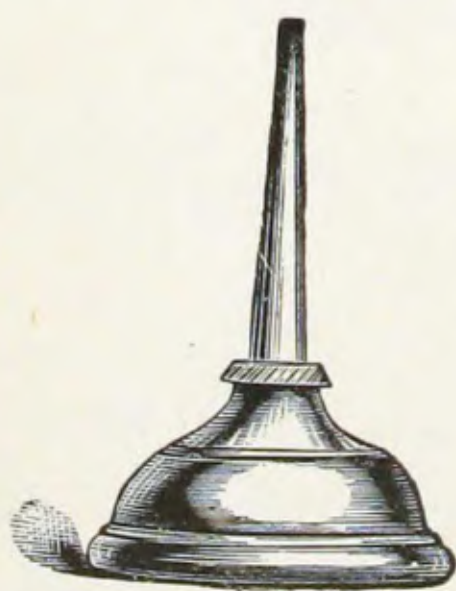
CHACE'S OILERS

No.	CAPACITY. Gills.		ZINC. Tin Bot.	ZINC. Brass Bot.
00	1/4	per dozen,	\$1.00	1.25
0	1/2	" "	1.25	1.50
1	3/4	" "	1.50	1.75
1 1/2	1	" "	1.75	2.00
2	1 3/4	" "	2.00	2.50
3	2	" "	2.25	3.00
4	3	" "	2.75	3.50
5	4	" "	3.50	4.50
6	4 3/4	" "	4.50	5.50

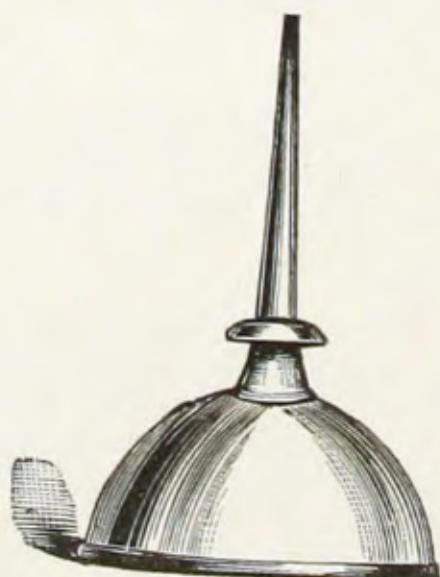
Nos. 00, 0, and 1, one dozen in a box; other Nos., half dozen.

PARAGON OILERS

ZINC. Tin Bot.	ZINC. Brass Bot.	BRASS.	COPPER.
2.00	2.25	3.00	3.25
2.25	2.50	3.50	3.75
2.50	3.00	4.00	4.25
3.00	3.50	4.50	4.75
3.25	4.00	5.25	5.50
3.75	4.50	6.00	6.25
4.50	5.50	7.00	7.25
5.50	6.50	8.50	8.75

SEWING MACHINE
OILERS

Zinc



Tin and Japanned

Zinc,	per gross, \$12.00
Tin,	" " 12.00
Japanned,	" " 12.00
One dozen in a box.	

ENGINEERS' SETS

PARAGON OILERS



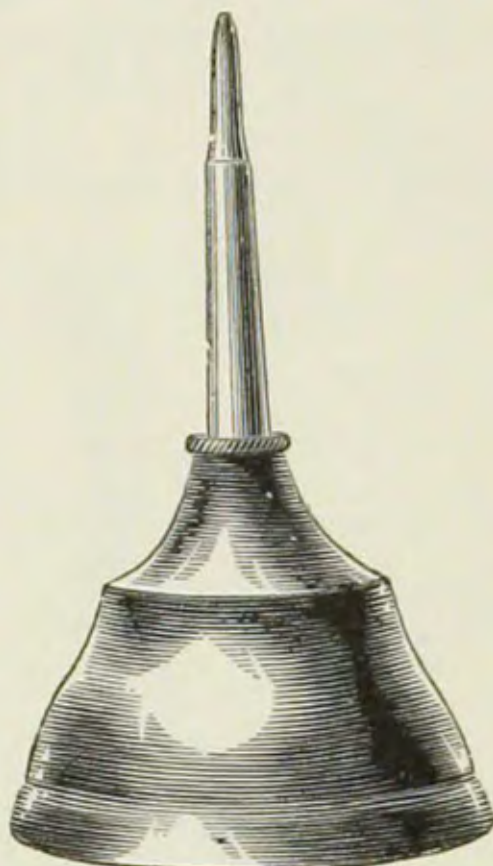
No.		Per set.
21	Brass, small, 5 pieces (counting tray),	\$6.00
22	" large, 6 " " "	7.00
31	Nickel-plated, small, 5 " " "	10.00
32	" large, 6 " " "	12.00



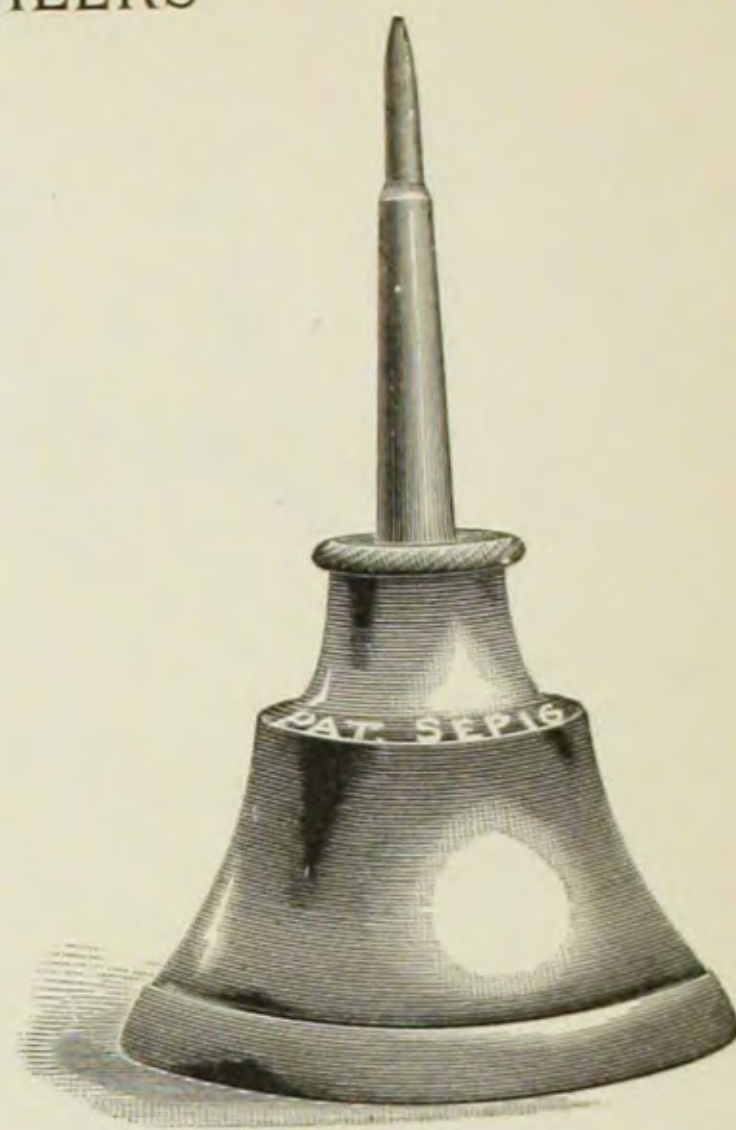
HAMMER'S MALLEABLE IRON OILERS



No. 1

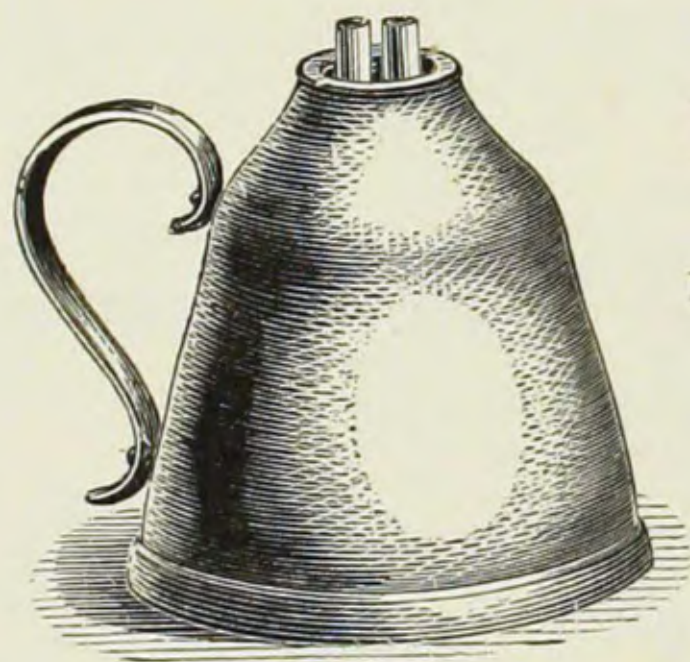


Nos. 2 and 3



No. 11 New Pattern

No. 1	Brass Bottom, $3\frac{1}{4}$ in. diameter,	per dozen, \$3.60	No. 11	Brass Bottom, $3\frac{1}{4}$ in. diameter,	per dozen, \$3.60
No. 2	" " $3\frac{3}{8}$ " "	" " 4.00	No. 12	" " $3\frac{5}{8}$ " "	" " 4.00
No. 3	" " $3\frac{7}{8}$ " "	" " 4.40	No. 13	" " $3\frac{7}{8}$ " "	" " 4.40
Extra Tubes,		1.80	Extra Tubes,		1.80



MALLEABLE IRON HAND LAMPS

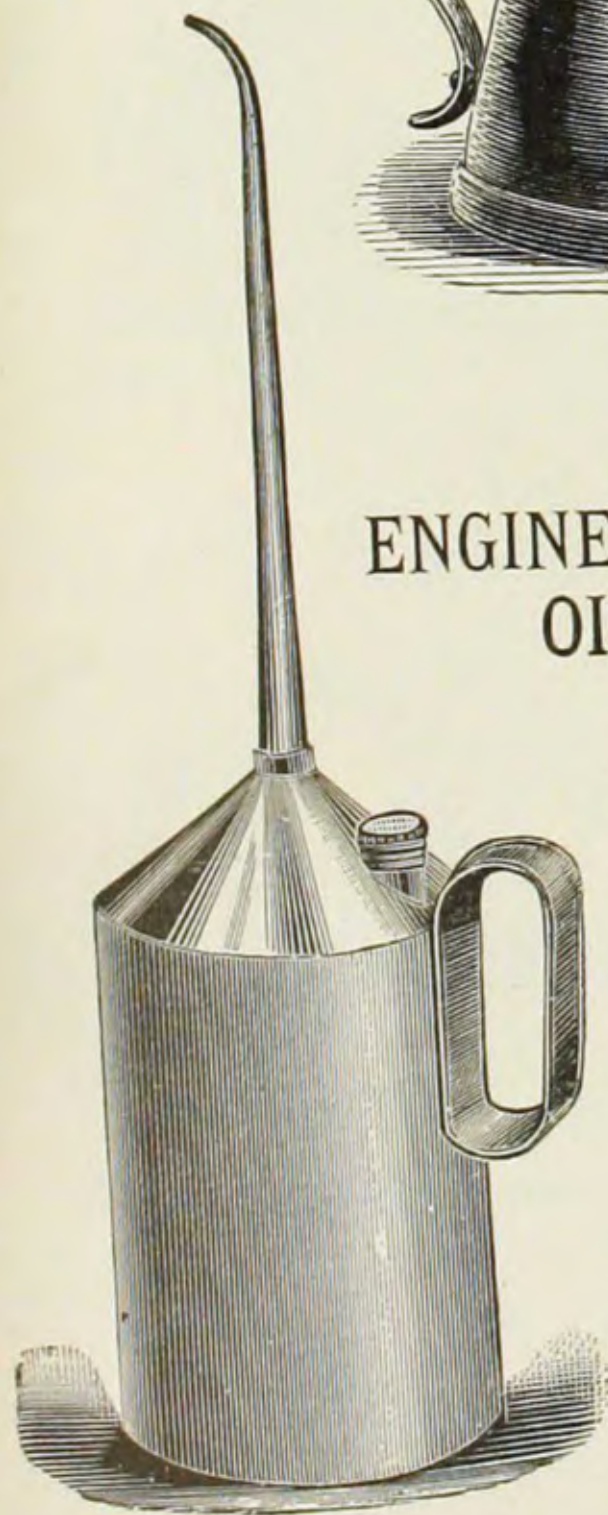
Per dozen,

One dozen in a box.

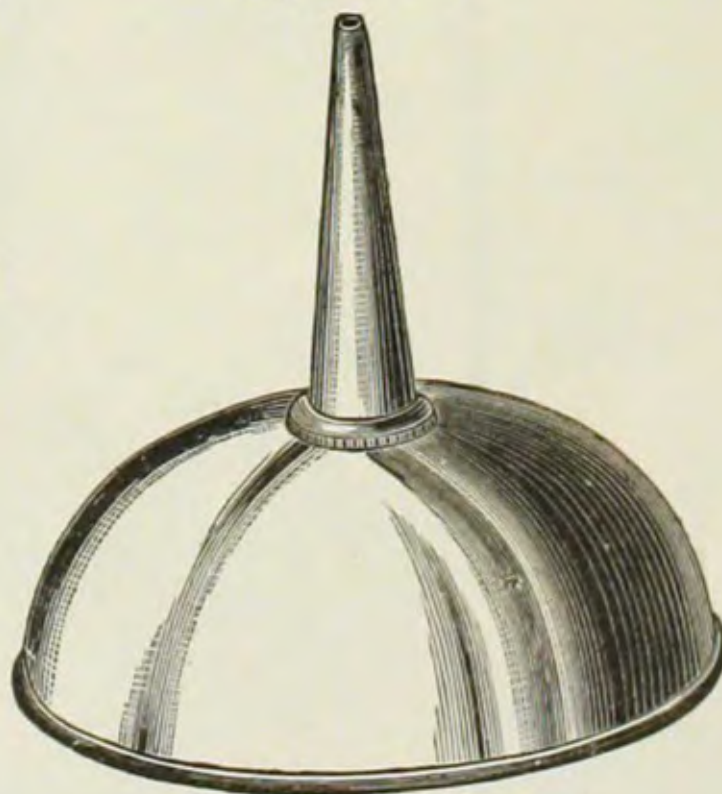
\$5.00

MOWING MACHINE OILERS

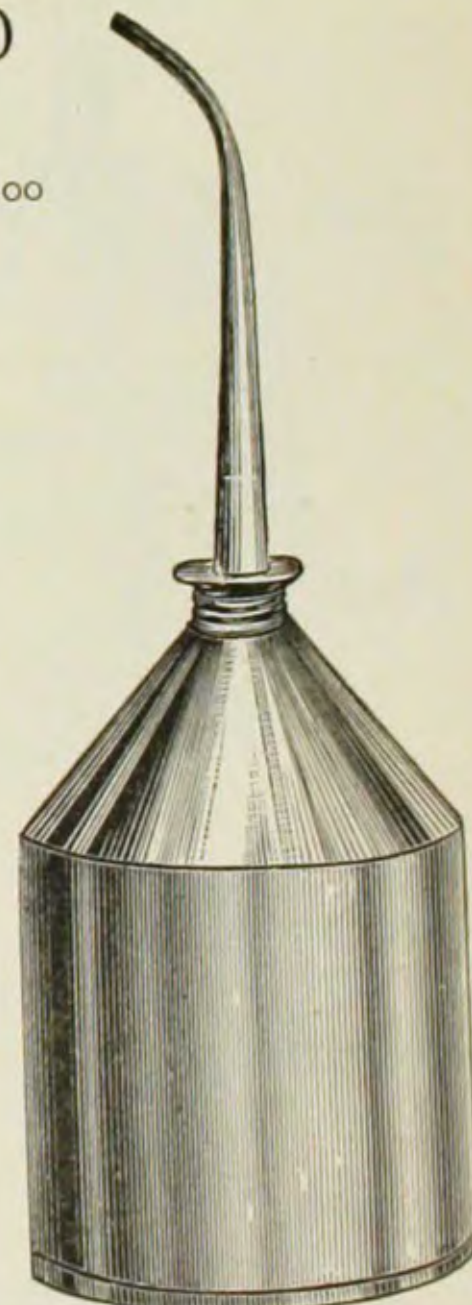
ENGINEERS' DRIP OILERS



1	Pint,	\$3.75
$1\frac{1}{2}$	"	4.25
2	"	4.50



Nos. 207 and 206



No. 210

No. 207	3 inch diameter,
No. 206	$3\frac{3}{4}$ " "
No. 210	3 " "
No. 209	Oval, Style of No. 210,

In Boxes of 1 Dozen.
per gross, \$19.50In Bulk.
\$17.50
18.00
16.80
22.00Nos. 209 and 210 hold one pint each, and with
Straight or Bent Spout.

THE WILMOT & HOBBS MANUFACTURING CO.

COPPERIZED C. R. "SWEDOH"

STEEL ANTI-RUST OILERS

WITH IMPROVED STEEL SPRING BOTTOMS

Heavily Copper-plated inside to prevent rusting, and the oil from becoming gritty. The outside perfectly resembles Burnished Copper.



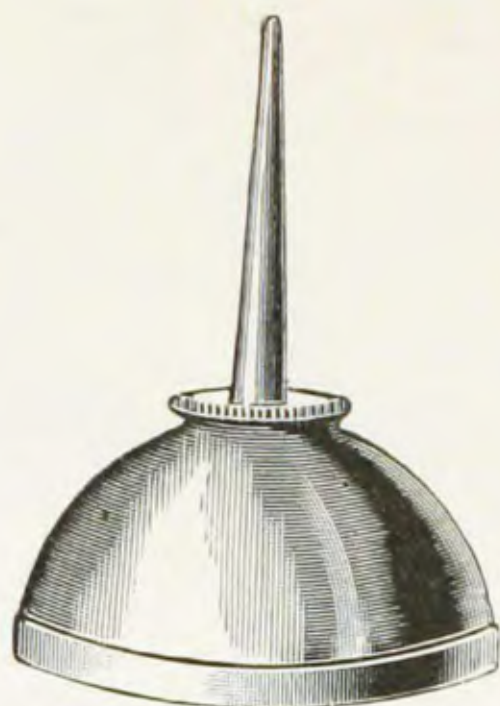
No. 11

STEEL RAILROAD OILERS

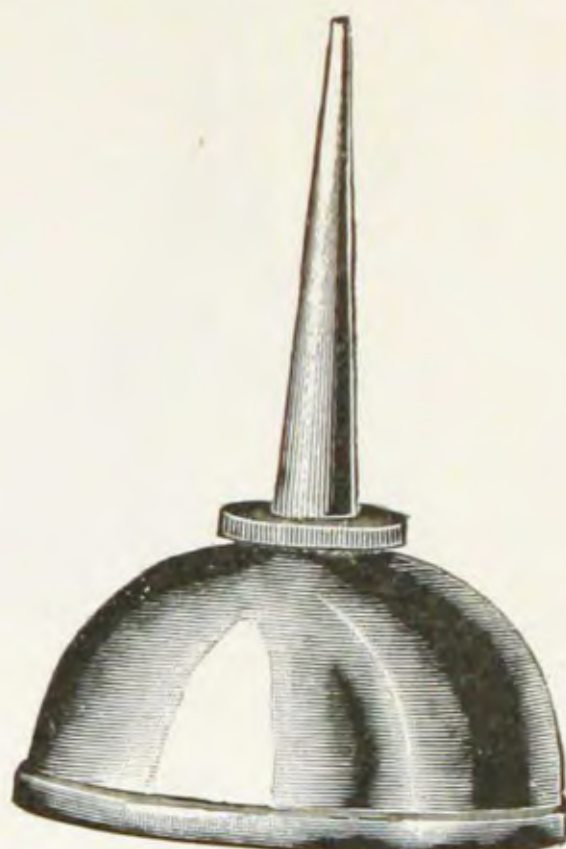
No. 10 One pint, $3\frac{3}{8}$ inches diameter, 5 inches high, 12 inch nozzle, per dozen, \$14.00

No. 11 One quart, $4\frac{1}{8}$ inches diameter, 6 inches high, 18 inch nozzle, per dozen, \$18.00

No. 111 Two quarts, 5 inches diameter, 8 inches high, 10 inch or 14 inch nozzle, per dozen, \$20.00



No. 12



No. 13

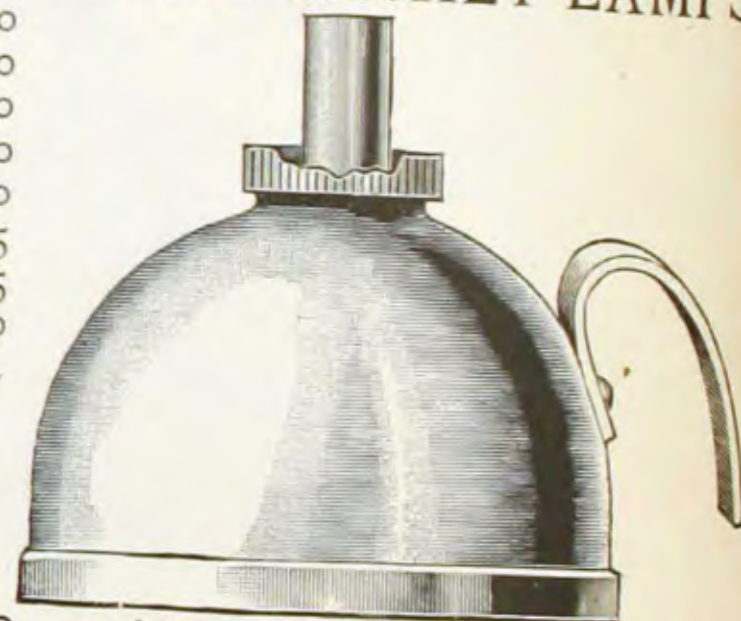


No. 14

COPPERIZED STEEL

No.	2 3/4 in. diameter, 2 1/2 in. Straight Spout,	Per dozen.
12	3 3/8 " " 3 " " " "	\$4.50
13	3 3/8 " " 5 " " " "	5.50
13A	3 3/8 " " 9 " Bent " " "	6.00
14	3 3/8 " " 3 " Straight " " "	6.50
14A	3 3/4 " " 5 " " " " "	7.50
14AA	3 3/4 " " 9 " Bent " " "	8.00
14B	4 1/8 " " 3 " Straight " " "	8.50
15	4 1/8 " " 5 " " " " "	9.25
15A	4 1/8 " " 9 " Bent " " "	9.75
16	Nos. 12 to 14AA one dozen in a box; others, half dozen.	

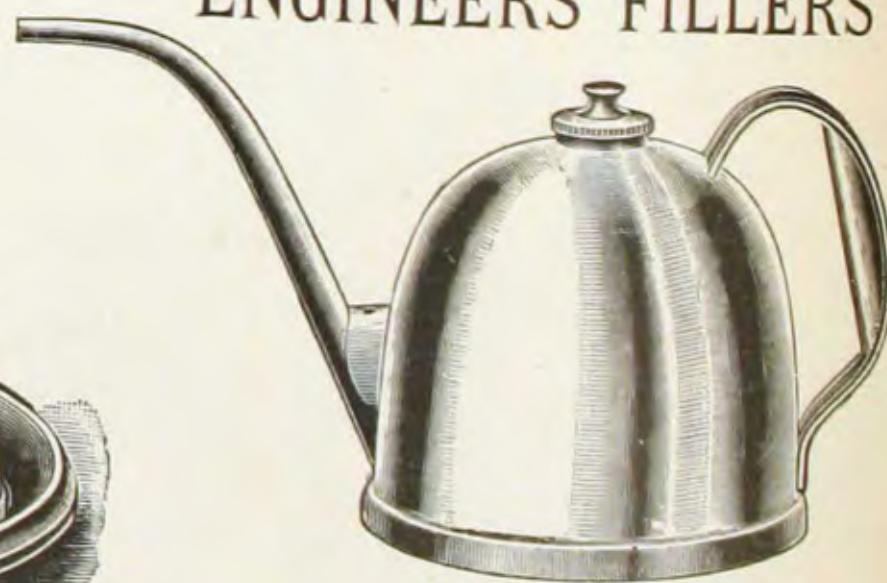
STEEL JACKET LAMPS



No. 20 $3\frac{3}{8}$ inches diameter, per dozen, \$6.00
 No. 20 1/2 $3\frac{3}{4}$ " " " " 9.00
 No. 21 $4\frac{1}{8}$ " " " " 12.00

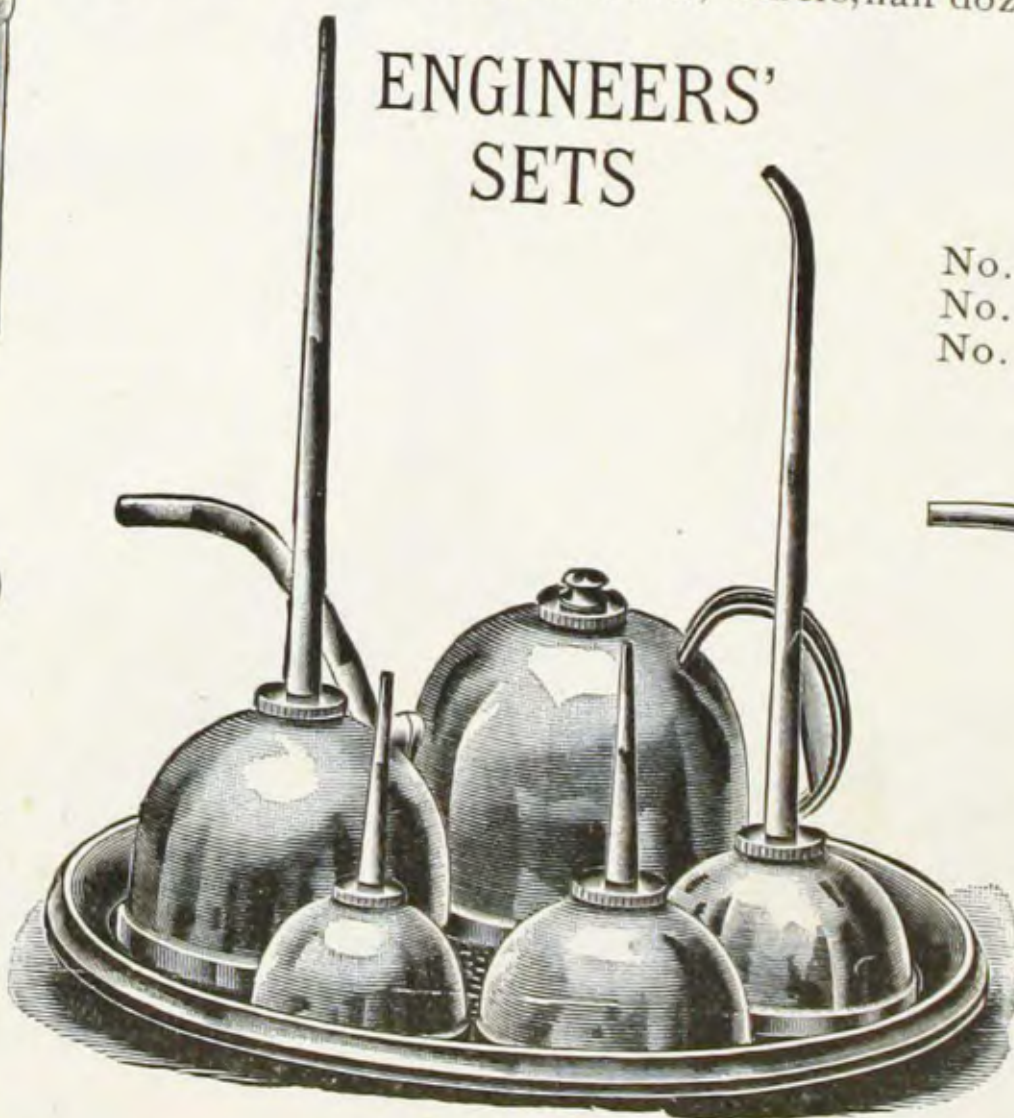
One dozen in a box.

ENGINEERS' FILLERS



COPPERIZED

ENGINEERS' SETS



WITH ROUND TRAY

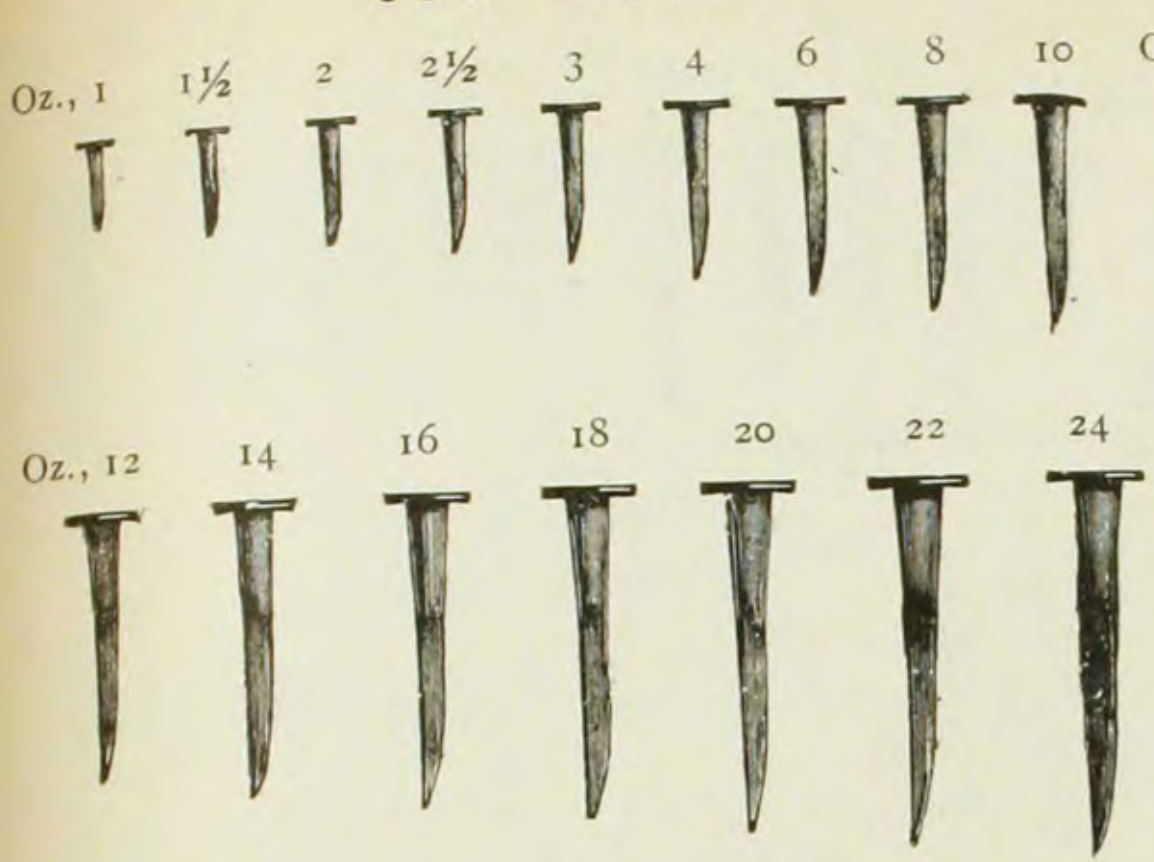
No.	Copperized Steel, 5 Pieces (counting Tray),	Per set.
30	" " 6 " " " "	\$5.00
40	Nickel-plated " 5 " " " "	7.00
50	" " 6 " " " " "	7.00
60	" " " " " " " "	10.00

No.	Diameter, inches.	Height, inches.	Per dozen.
19	1 pint, $4\frac{1}{8}$	$3\frac{1}{2}$	\$14.00
19A	1 1/2 " $4\frac{3}{4}$	4	17.00
210	1 quart, 5	5	20.00
211	2 " 6	6	24.00

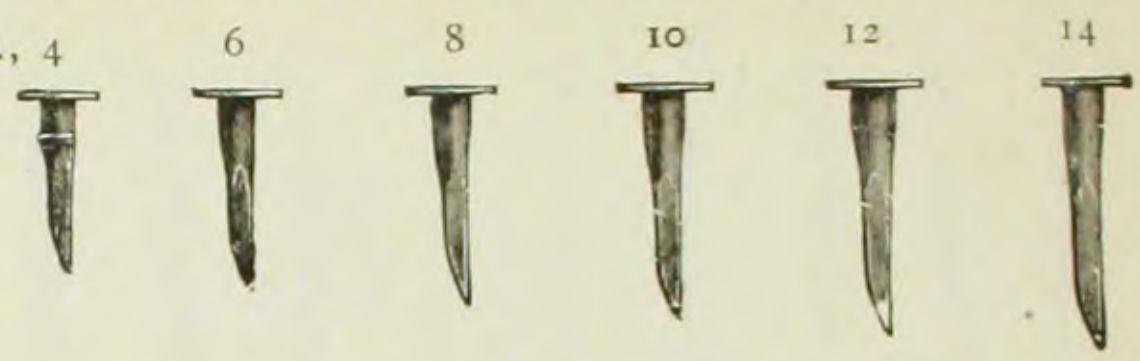
Half dozen in a box.



CUT TACKS



LARGE HEAD CARPET TACKS



SWEDES IRON CARPET TACKS, WITH FLAT HEADS

Per dozen papers.

Ounce,	4	6	8	10	12
Half weight,	\$2.30	2.90	3.50	4.10	4.70
" " Tin'd,	3.10	3.80	4.70	5.60	6.50
Ounce,	14	16	18	20	22
Half weight,	\$5.30	5.90	6.50	7.10	7.70
" " Tin'd,	7.40	8.30	9.20	10.10	11.00

One dozen papers in a package.

AMERICAN IRON CUT TACKS

Per dozen papers.

Ounce,	1	1 1/2	2	2 1/2	3	4	6	8
Half weight,	\$0.95	1.05	1.15	1.25	1.35	1.50	1.80	2.20
Ounce,	10	12	14	16	18	20	22	24
Half weight,	\$2.60	3.00	3.40	3.80	4.20	4.60	5.00	5.40

One dozen papers in a package.

AMERICAN IRON CARPET TACKS, WITH FLAT HEADS

Per dozen papers.

Ounce,	4	6	8	10	12	14	16
Half weight,	\$1.50	1.80	2.20	2.60	3.00	3.40	3.80
" " Tin'd,	2.10	2.50	3.00	3.65	4.30	4.95	5.60
Quarter " "	.85	1.00	1.20	1.40	1.60	1.80	2.00

One dozen papers in a package.

SWEDES IRON CUT TACKS AND UPHOLSTERERS' TACKS

Per dozen papers.

Ounce,	1	1 1/2	2	2 1/2	3	4	6	8
Full weight,	\$2.85	3.05	3.25	3.45	3.80	4.40	5.60	6.80
Half " "	1.55	1.65	1.75	1.85	2.00	2.30	2.90	3.50
" " Tin'd,	2.40	2.45	2.50	2.55	2.60	3.10	3.80	4.70
Ounce,	10	12	14	16	18	20	22	24
Full weight,	\$8.00	9.20	10.40	11.60	12.80	14.00	15.40	16.80
Half " "	4.10	4.70	5.30	5.90	6.50	7.10	7.80	8.50
" " Tin'd,	5.60	6.50	7.40	8.30	9.20	10.10	11.10	12.10

One dozen papers in a package.

STEEL CARPET TACKS, WITH FLAT HEADS

Per dozen papers.

Ounce,	6	8	10	12	14	16
2 ounce papers,	\$1.20	1.20	1.20	1.20	1.20	1.20
4 " "	2.20	2.20	2.20	2.20	2.20	2.20
Ounce,	6	8	10	12	14	16
2 ounce papers,	\$1.60	1.60	1.60	1.60	1.60	1.60
4 " "	3.00	3.00	3.00	3.00	3.00	3.00

One dozen papers in a package.

TINNED STEEL CARPET TACKS, WITH FLAT HEADS

Per dozen papers.

Ounce,	6	8	10	12	14	16
2 ounce papers,	\$1.60	1.60	1.60	1.60	1.60	1.60
4 " "	3.00	3.00	3.00	3.00	3.00	3.00

One dozen papers in a package.

COPPER TACKS

Per dozen papers.

Ounce,	1	1 1/2	2	2 1/2	3	4
Full weight,	\$1.12	1.30	1.40	1.60	1.80	2.00

Copper Tacks and Nails in pound or half pound papers, or in bulk; all sizes from 1/2 to 1 1/4 inches, per lb., \$0.56

MINERS' TACKS

Same List as Swedes Tacks.

GIMP TACKS LACE TACKS



GIMP AND LACE TACKS

Per dozen papers.

Ounce,	1	1 1/2	2	2 1/2	3	4	6
Half weight,	\$1.85	2.05	2.20	2.40	2.55	2.85	3.45
" " Tin'd,	2.75	2.85	3.00	3.10	3.35	3.65	4.35
Ounce,	8	10	12	14	16	18	20
Half weight,	\$4.10	4.75	5.45	6.10	6.90	7.70	8.50
" " Tin'd,	5.05	6.10	7.15	8.20	9.30	10.50	11.70

One dozen papers in a package.

ESTABLISHED LENGTHS OF TACKS

COPPER, AMERICAN, AND SWEDES IRON TACKS

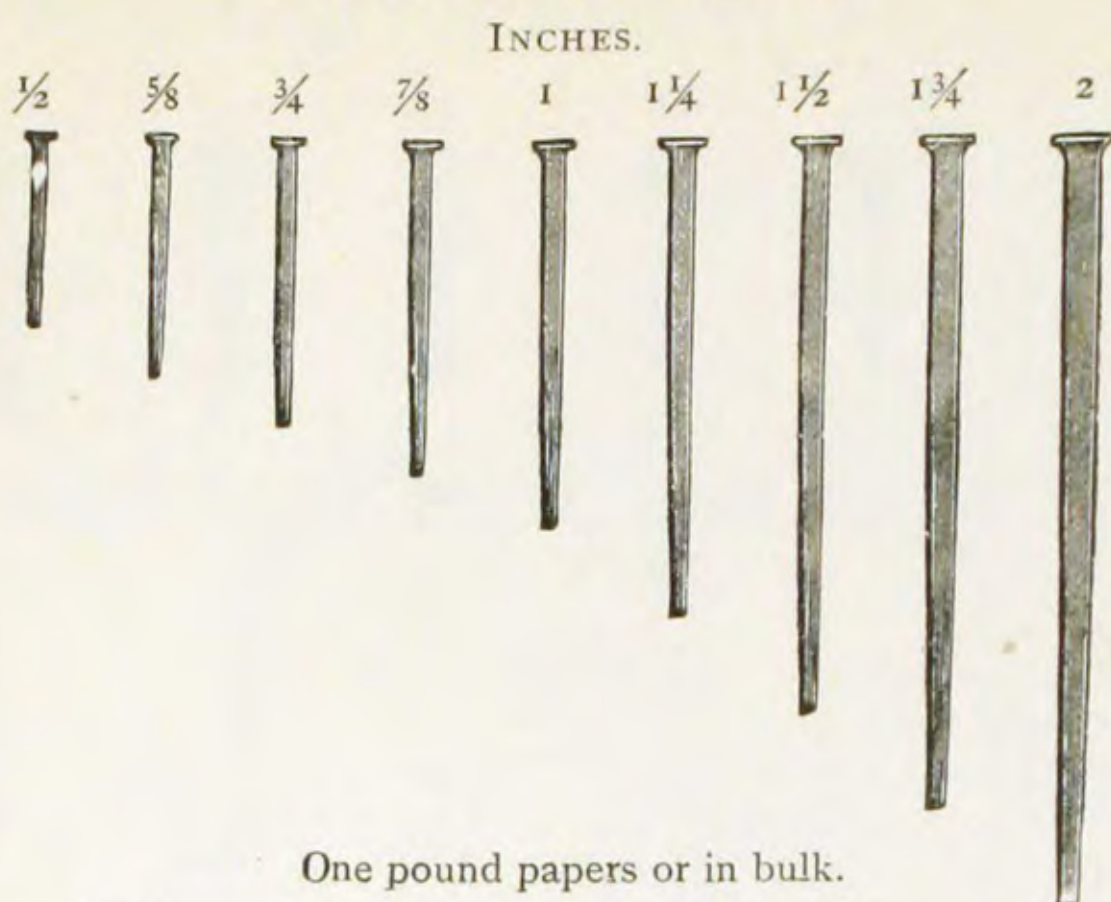
Ounce,	1	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16	18	20	22	24
Size, in.,	3/8	7/16	1/2	5/16	9/16	11/16	13/16	1 1/8	1 1/4	1 1/2	1 3/4	1 7/8	2	2 1/8	2 1/4	2 1/2

GIMP AND LACE TACKS

Ounce,	1	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16	18	20
Size, in.,	3/8	7/16	1/2	5/16	9/16	11/16	13/16	1 1/8	1 1/4	1 1/2	1 3/4	1 7/8	2	2 1/8



FINISHING NAILS

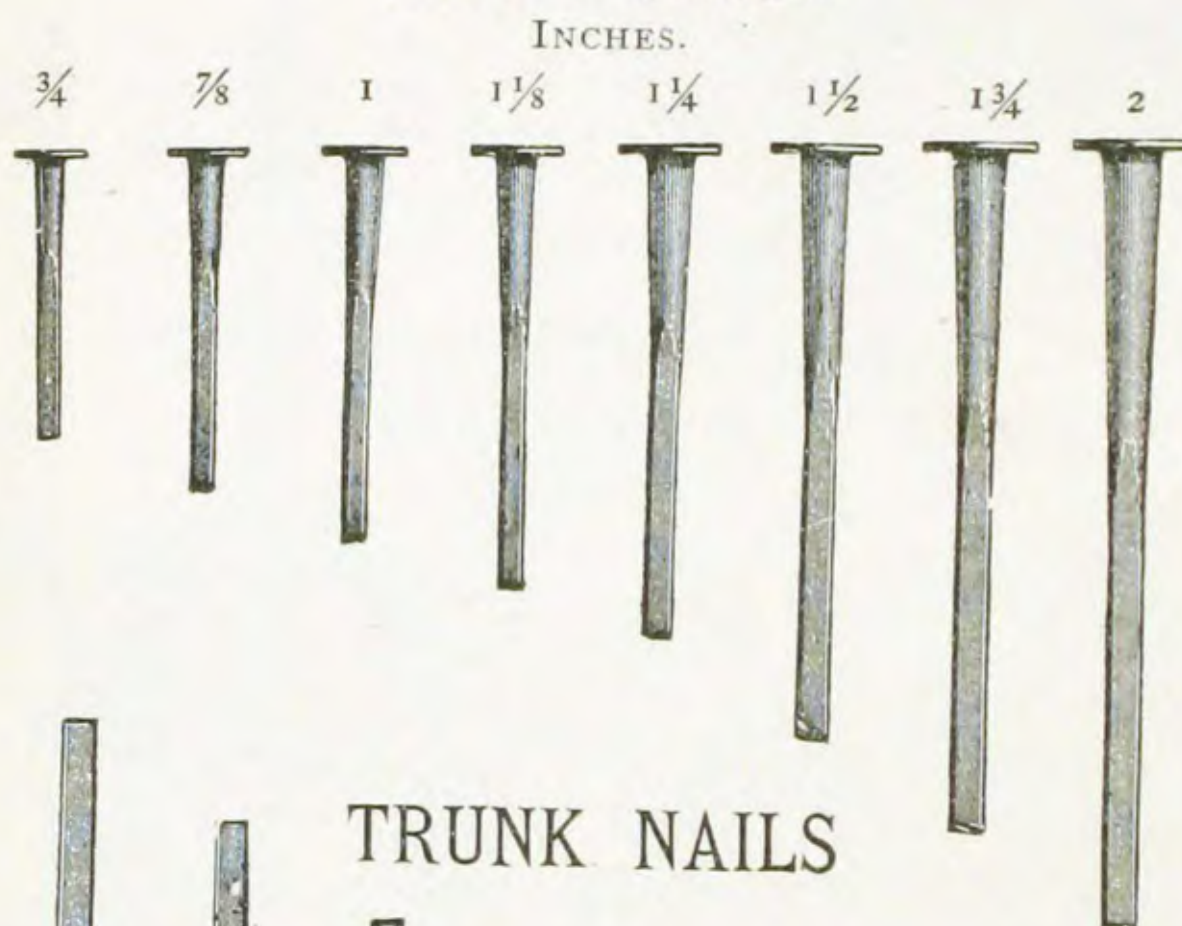


One pound papers or in bulk.

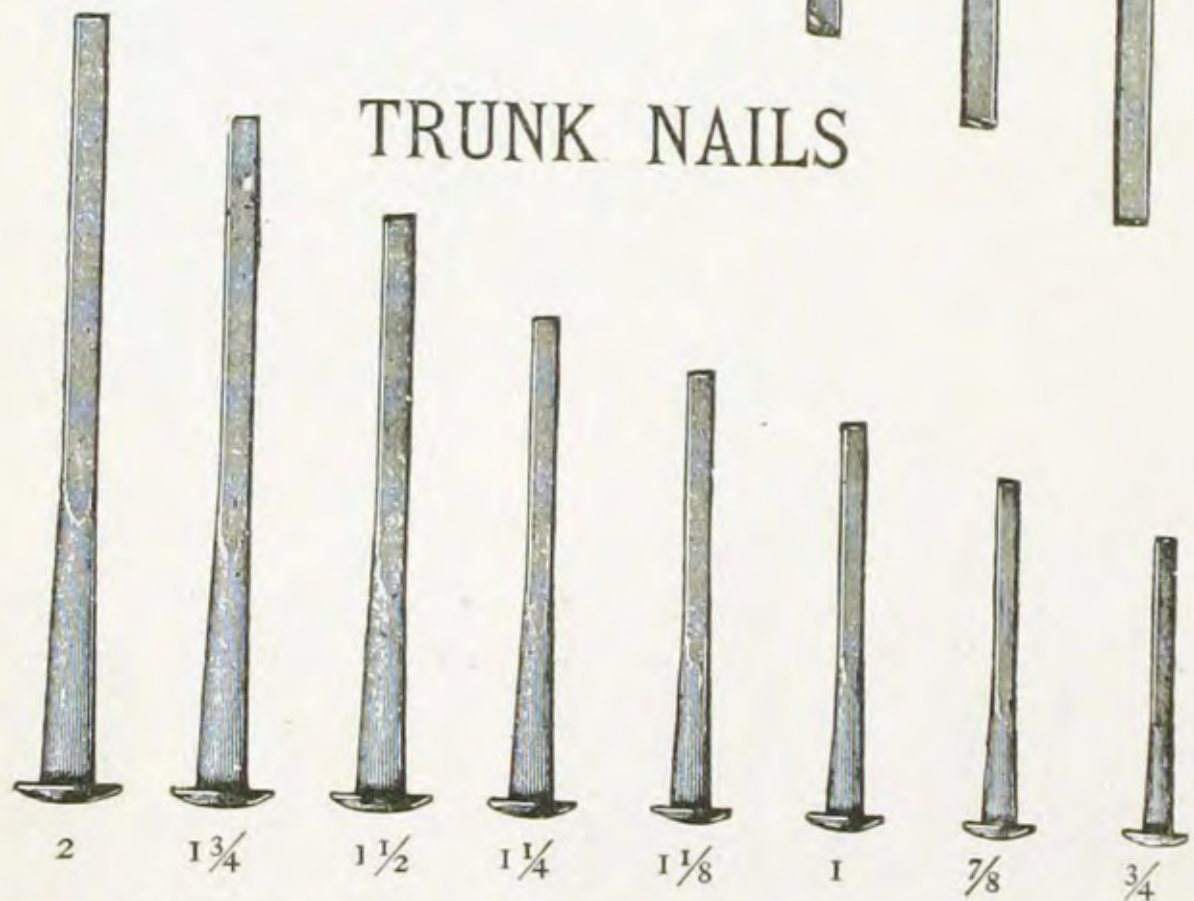
Size, inches,	1/2	5/8	3/4	7/8	1	1 1/8
Per pound,	\$0.39	.32	.27	.24	.23	.23
Size, inches,	1 1/4	1 1/2	1 3/4	2		
Per pound,	\$0.23	.23	.23	.23		

For 1/2 pound papers, add 4 cents per pound to list.

CLOUT NAILS



TRUNK NAILS



TRUNK AND CLOUT NAILS

One pound papers or in bulk.

Size, inches,	1/2	5/8	3/4	7/8	1	1 1/8
Regular, per pound,	\$0.39	.32	.27	.24	.23	.23
Tinned, " "	.50	.43	.38	.35	.34	.34
Size, inches,	1 1/4	1 1/2	1 3/4	2		
Regular, per pound,	\$0.23	.23	.23	.23		
Tinned, " "	.34	.34	.34	.34		

For 1/2 pound papers, add 4 cents per pound to list.

ROUND HEAD HUNGARIAN NAILS



Regular

Stout

AMERICAN IRON

PER DOZEN PAPERS.

Ounces,	3	4	6	8	10
Half Weight, \$	0.59	.75	.92	1.10	1.25
Ounces,	12	14	16	18	20
Half Weight, \$	1.50	1.70	1.85	2.00	2.20

One dozen papers in a package.

IN POUND PAPERS OR IN BULK

PER POUND.

Size, inches,	2	2 1/2-8	3/8	3 1/2-8	4	4 1/2-8
Amer. Iron, \$	0.45	.45	.38	.35	.35	.35
Swedes " "	.58	.58	.47	.43	.43	.43
Size, inches,	5/8	5 1/2-8	3/4	7/8	1	
Amer. Iron, \$	0.35	.35	.35	.35	.35	
Swedes " "	.43	.43	.43	.43	.43	

For 1/2 pound papers, add 2 cents per pound to list.

TACKS AND BRADS IN BULK

SWEDES IRON TACKS

(All kinds except Gimp, Lace, Brush, and Looking-glass).

Ounces,	1	1 1/2	2	2 1/2
Regular, per lb., \$	3.20	2.40	1.85	1.60
Tinned, " "	5.85	4.00	2.95	2.40
Ounces,	3	4	6	8
Regular, per lb., \$	1.45	1.30	1.15	1.00
Tinned, " "	2.00	1.85	1.55	1.40
Ounces,	10	12	14	16
Regular, per lb., \$	0.95	.90	.85	.80
Tinned, " "	1.35	1.30	1.25	1.20
Ounces,	18	20	22	24
Regular, per lb., \$	0.80	.80	.80	.80
Tinned, " "	1.20	1.20	1.20	1.20

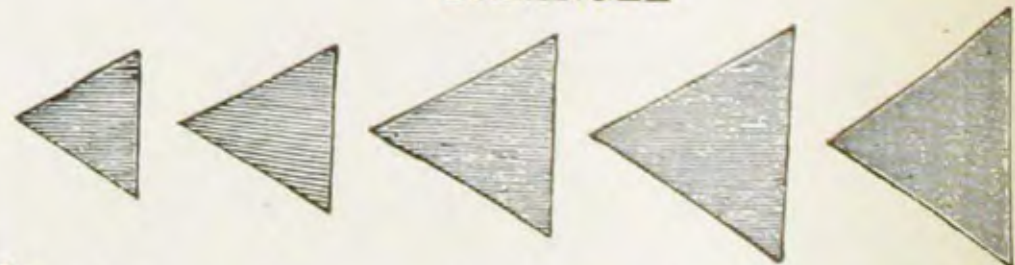
AMERICAN IRON CUT AND CARPET TACKS

Same lists as above.

Above in 25 pound boxes, add 1/4 cent per pound, net.

ZINC GLAZIERS' POINTS

TRIANGLE



No. 3

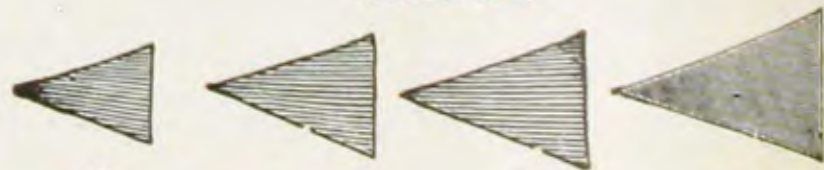
2

1

0

00

SHARPS



No.

3

2

1

0

All Nos.,

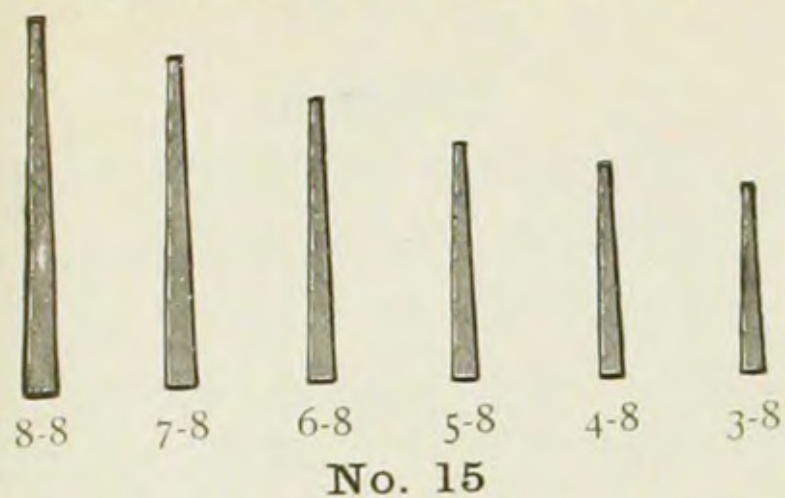
per paper (1/2 lb.), \$

" "

" " (1/4 ")



SHOE FINDERS' LIST



IRON SHOE NAILS

$\frac{3}{8}$ inch and longer, No. 15 and thicker, \$
 $\frac{3}{8}$ and $3\frac{1}{2}$ -8 inch, Nos. 15, 13, and
 thicker,

SWEDES SHOE NAILS

$\frac{3}{8}$ inch and longer,
 $\frac{3}{8}$ and $3\frac{1}{2}$ -8 inch,

ZINC SHOE NAILS

$\frac{3}{8}$ inch and longer,
 $\frac{3}{8}$ and $3\frac{1}{2}$ -8 inch,

CHANNEL NAILS

All Sizes,

IRON COBBLERS' NAILS

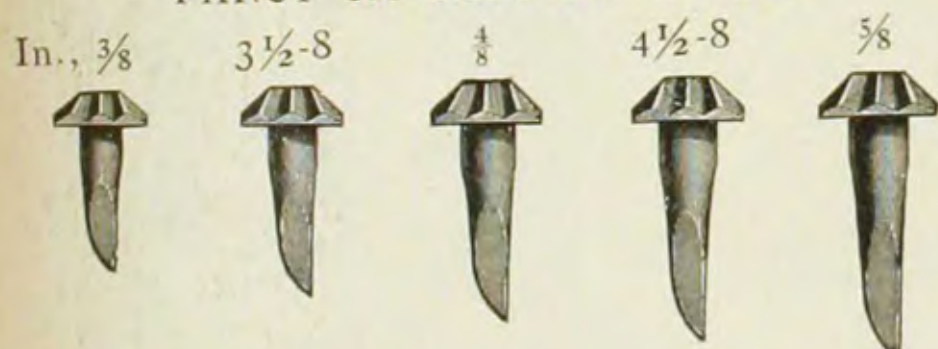
$\frac{3}{8}$ inch and longer,

C. S. BRASS SHOE NAILS

$\frac{3}{8}$ inch and longer,
 $\frac{3}{8}$ and $3\frac{1}{2}$ -8 inch,

HOB NAILS

FANCY OR GROOVED HEADS



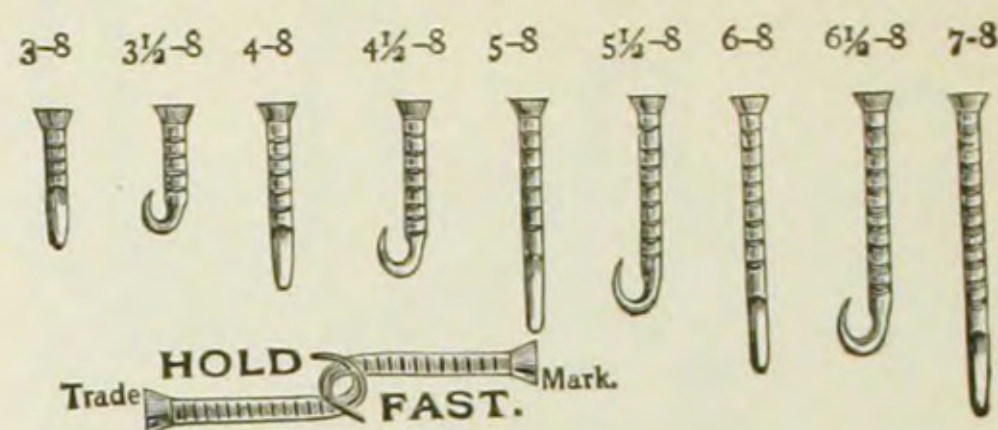
All Sizes, in $\frac{1}{2}$ pound papers, \$
 " " " I " "

O. H. SHANK TACKS

$\frac{3}{8}$ inch and longer,
 $\frac{3}{8}$ and $3\frac{1}{2}$ -8 inch,

SHOE TACKS

Ounce, 1 1 $\frac{1}{4}$ 1 $\frac{1}{2}$ 2 2 $\frac{1}{2}$ 3 4
 Per pound, \$
 Half Weight,
 per dozen,

PATENT IRON WIRE CLINCHING
NAILS

$4\frac{1}{2}$ -8 inch and longer, No. 16 Wire, \$
 $4\frac{1}{2}$ -8 inch and shorter, No. 16 Wire,
 Half and quarter pound papers.

LINING NAILS

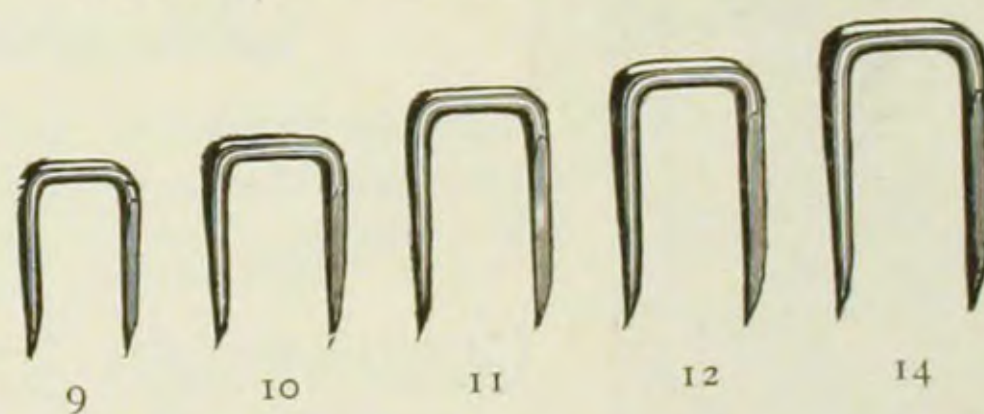


Silver or Jap'd Heads, 3 to 12 oz., full count (100), \$0.08
 " " " " 14 to 24 " " " (100) .09
 " " " " 3 to 12 " short " (75) .06
 " " " " 14 to 24 " " " (75) .07

Twenty papers in a package.

Short count will be sent unless otherwise ordered.

DOUBLE POINTED TACKS



Nos. 9 10 11 12 14
 Blued (100 count), per doz., \$1.20 1.30 1.40 1.60 1.85
 Tinned (100) " " 1.35 1.45 1.60 1.85 2.15

Twelve papers in a package, twelve packages in a case.

IN BULK

Nos. 9 10 11 12 14
 Blued, per lb., \$0.46 .42 .41 .40 .39
 Tinned, " " .55 .51 .50 .49 .48

100 pounds each size in a case.

In 25-pound boxes, add 1 cent per pound to list; in 10-pound boxes,
 add 3 cents.



BARBED BLIND STAPLES

COPPERED

Inch, $\frac{3}{8}$  $\frac{1}{2}$  $\frac{5}{8}$  $\frac{3}{4}$

NO. 18 WIRE

Size, inch,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per pound,	\$0.17 $\frac{1}{2}$	.15	.15	.15

10 pounds in a box.

In bulk, 100 lbs. of a size in a box, \$ Per pound.

BARBED BED SPRING STAPLES

COPPERED

Inch, $\frac{5}{8}$  $\frac{3}{4}$  $\frac{7}{8}$ 

1

NO. 15 WIRE

Size, inch,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per pound,	\$0.15	.15	.15	.15

POULTRY NETTING STAPLES



GALVANIZED

$\frac{3}{4}$ inch, No. 14 Wire, in 10 lb. boxes, \$ Per pound.
 $\frac{3}{4}$ " No. 14 " in Kegs,

STEEL SPRING STAPLES

FLAT STEEL



Inch,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Size, inch,									
Blued, 1 lb. boxes,									
per lb.,									
Blued, in bulk,									
per lb.,									
Coppered, in bulk,									
per lb.,									

WICKWIRE BROTHERS' PAINTED
STEEL WIRE WINDOW
SCREEN CLOTH

DOUBLE SELVEDGED

PLAIN COLORS, Green, Drab, or Black, Per 100 sq. ft.
 Standard Mesh, \$
 Widths, 20, 22, 24, 26, 28, 30, 32, 34, and 36 inches.
 Rolls of 100 lineal feet.

GALVANIZED STEEL WIRE
POULTRY NETTING

THREE EDGE WIRES

No. 18 Wire,	2 inch Mesh.
No. 19 " "	per square foot, \$0.03 $\frac{1}{4}$
No. 20 " "	" " " .02 $\frac{1}{2}$
	" " " .02 $\frac{1}{4}$

Heavier gauges at higher prices.
 Widths, 12, 18, 24, 30, 36, 42, 48, 60, and 72 inches.
 Rolls contain 150 lineal feet.

No. 18 Wire,	$1\frac{1}{2}$ inch Mesh.	1 inch Mesh
No. 19 " "	per square foot, \$0.04 $\frac{1}{2}$	.07 $\frac{3}{4}$
No. 20 " "	" " " .03 $\frac{1}{2}$	.06 $\frac{1}{2}$
	" " " .03	.05 $\frac{1}{2}$

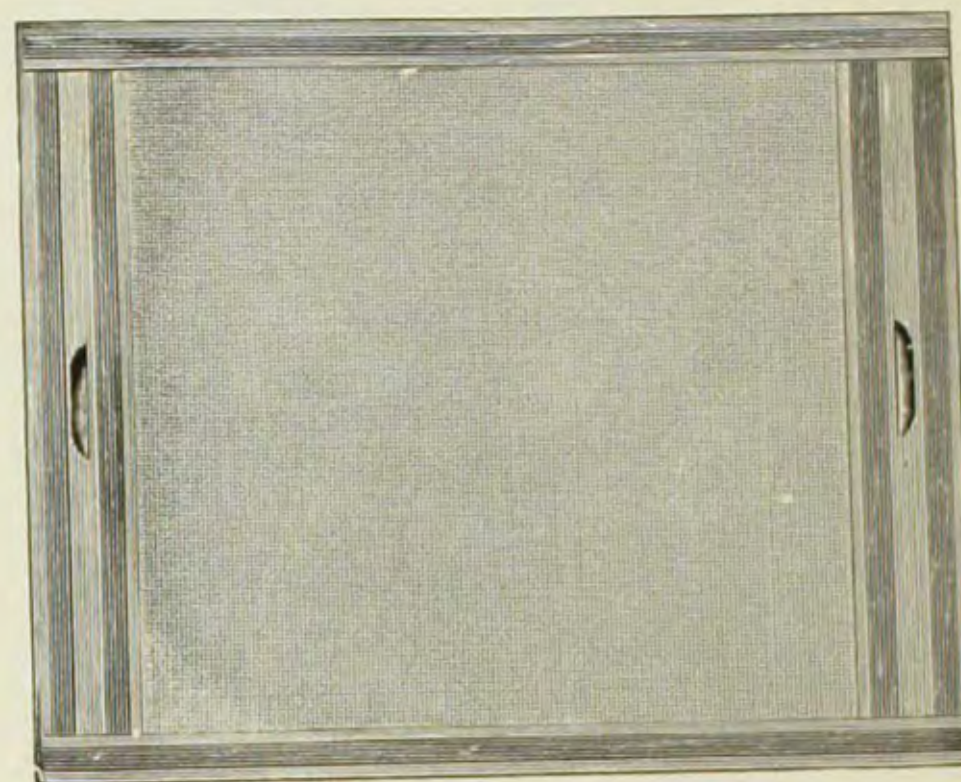
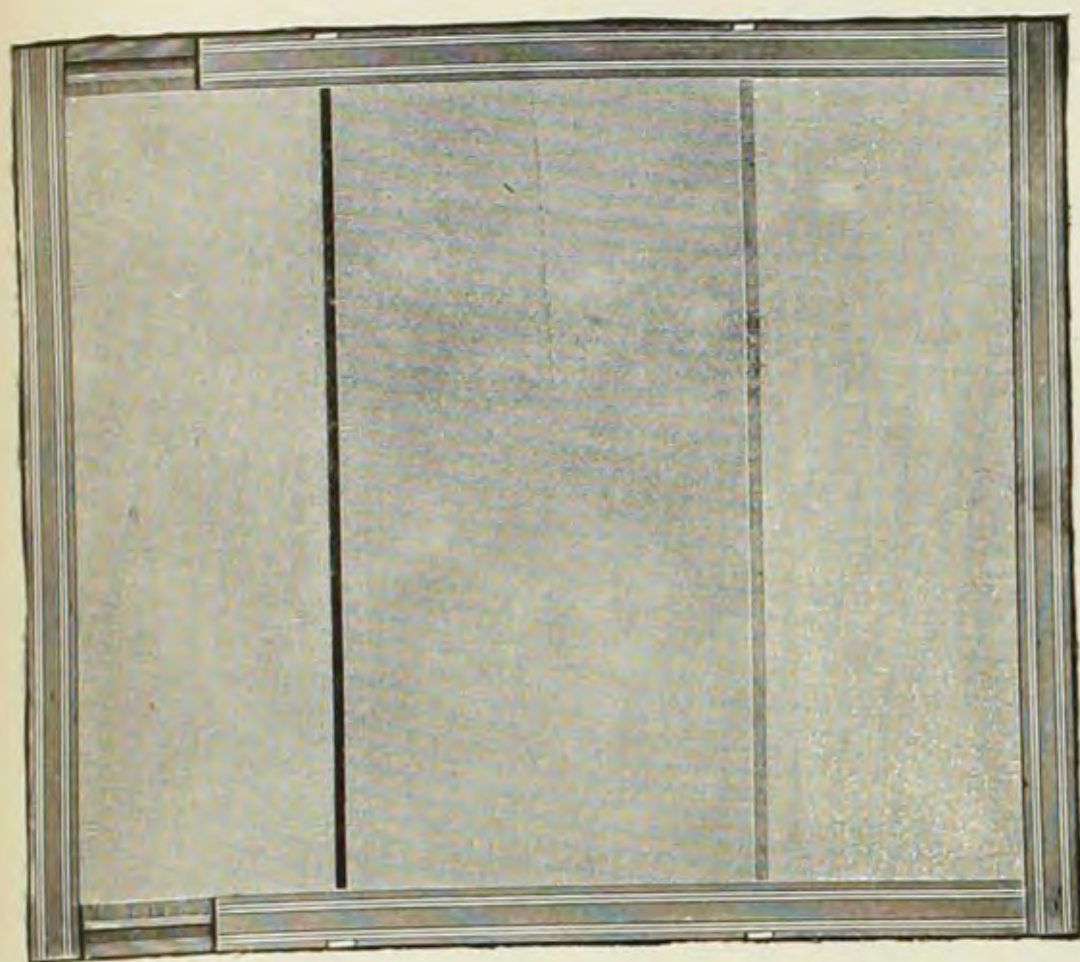
Widths, 12 to 72 inches.
 Rolls contain 150 lineal feet.



PHILLIPS' WINDOW SCREENS

FLYER

PERFECTION



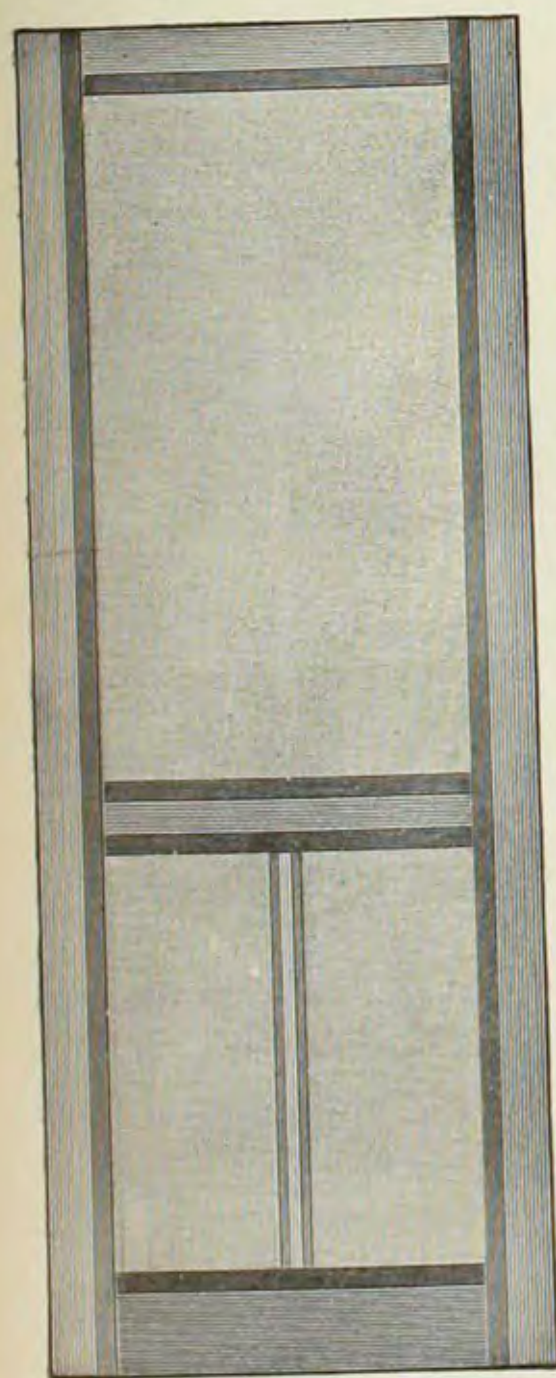
No Center Bars, No Boards, No Obstruction.
Every screen guaranteed to stay together and to adjust easily.
Well proportioned and handsome.

Wings have hand holes and spring adjustment.
Handsome beaded mouldings each side.

HARDWOOD OILED				Per dozen.
No.				
I18	18 in. high, adjusts	22 to 33 in. width,	\$5.50	
I33	24 " " " "	22 to 33 " " "	6.60	
I36	24 " " " "	24 to 37 " " "	7.00	
I37	30 " " " "	24 to 37 " " "	8.50	
I39	30 " " " "	26 to 41 " " "	10.00	

One dozen in a crate.

HARDWOOD OILED				Per dozen.
No.				
I00	20 in. high, adjusts	26 to 32 in. width,	\$6.25	
I01	24 " " " "	26 to 32 " " "	6.75	
I	24 " " " "	24 to 30 " " "	6.50	
2	24 " " " "	30 to 36 " " "	7.00	
3	30 " " " "	24 to 30 " " "	7.50	
4	30 " " " "	30 to 36 " " "	8.00	



Plain Door
Style G

PHILLIPS' SCREEN DOORS

PLAIN STYLE G

Pine, Stained to imitate Walnut, $\frac{7}{8}$ inch thick, Stiles and Rails, 4 inches.

2 ft. 6 in. × 6 ft. 6 in.	per dozen, \$
2 " 8 " × 6 " 8 "	" "
2 " 10 " × 6 " 10 "	" "
3 " × 7 "	" "

PLAIN STYLE G

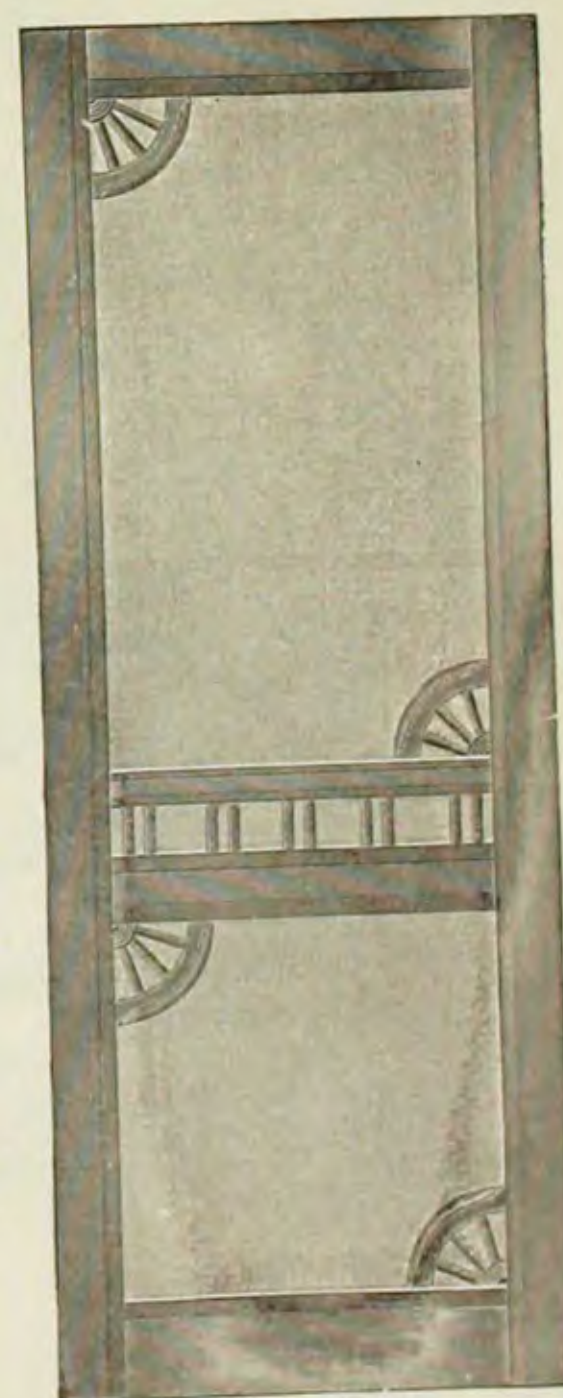
Oil Finish, Selected Stock, same sizes as above, per dozen, \$

FANCY STYLE E

Pine, Varnish Finish, Best Black wire cloth, $\frac{7}{8}$ inch thick, Stiles and Rails, 4 inches.

2 ft. 6 in. × 6 ft. 6 in.	per dozen, \$
2 " 8 " × 6 " 8 "	" "
2 " 10 " × 6 " 10 "	" "
3 " × 7 "	" "

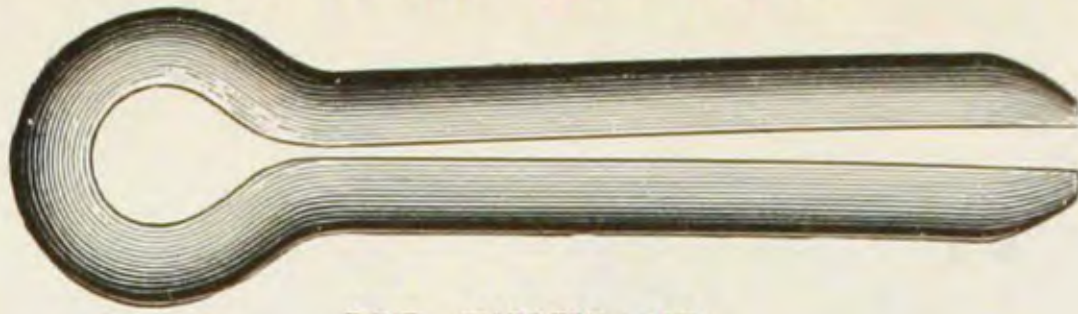
Half dozen in a crate.



Fancy Door
Style E



SPRING COTTERS



PER THOUSAND

Diameter, inches.

Wire Gauge, No.

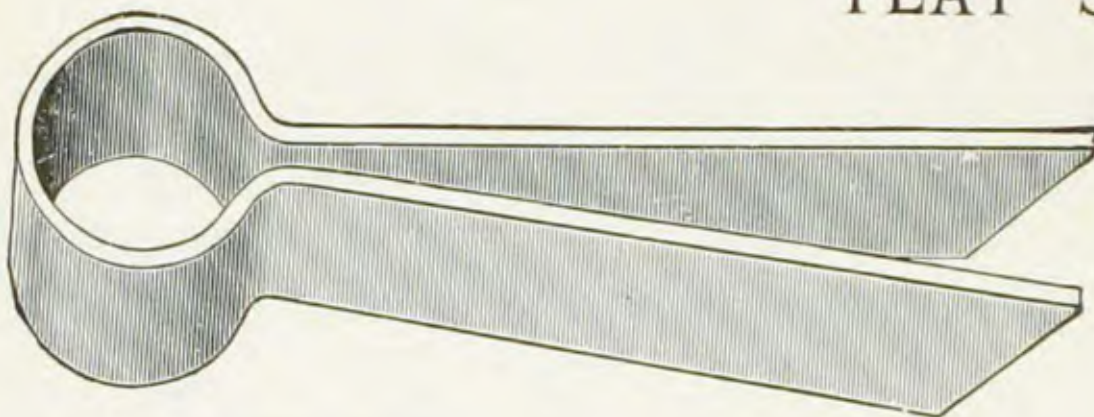
PER THOUSAND

Length in inches.

	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	5	6
13	\$3.75	4.40	5.00	5.60	6.20	6.80	7.40							
12	4.25	4.90	5.50	6.10	6.70	7.30	7.90							
11	4.75	5.50	6.25	7.00	7.75	8.50	9.25	10.00	10.75					
10	5.00	5.80	6.60	7.40	8.20	9.00	10.00	11.00	12.00					
9	5.50	6.50	7.50	8.50	9.50	10.50	11.50	12.50	13.50					
8	6.00	7.20	8.40	9.60	10.80	12.00	13.20	14.40	15.60					
7	...	7.50	8.80	10.10	11.40	12.70	14.00	15.30	16.80	19.80				
6	...	8.00	9.50	11.00	12.50	14.00	15.50	17.00	18.50	22.50				
5	...	...	12.00	13.50	15.00	16.50	18.00	19.50	21.00	25.00				
4	...	...	15.00	16.50	18.00	20.00	22.00	24.00	26.25	30.00	34.00	39.00		
3	...	...	20.50	22.75	25.00	27.25	29.50	31.75	34.00	39.75	45.00	49.50		
2	...	...	...	...	28.50	30.75	33.50	36.00	38.75	43.25	48.75	54.75		
1	...	...	...	...	...	39.00	43.50	47.25	51.00	58.50	66.00	73.50	88.50	
	...	...	...	...	...	...	52.50	57.75	63.00	73.50	84.00	94.50	115.50	136.00
	...	...	...	...	...	...	...	...	...	112.50	124.50	136.50	160.50	184.50

FLAT SPRING NAILS

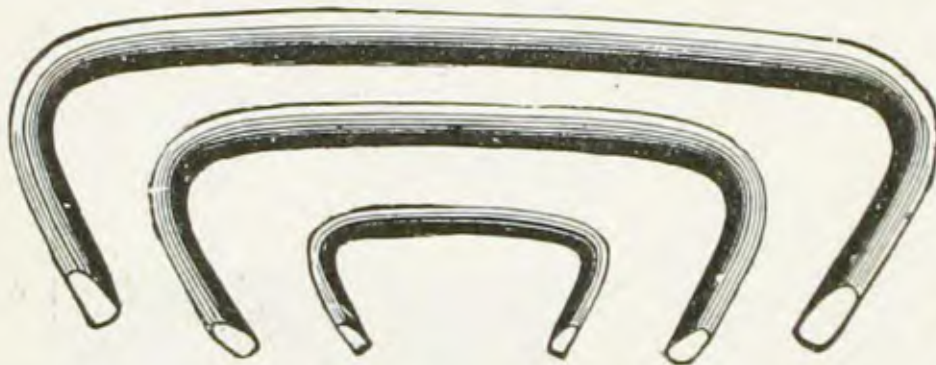
FLAT SPRING KEYS



Width, inches.

PER THOUSAND
Length in inches.

	1/4	1/2	3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2
3/8	\$14.00	15.75	17.50	19.25	21.00	22.75	24.50	26.25		
1/2	21.00	22.75	24.50	26.25	28.00	29.75	31.50	33.25		
5/8	...	...	26.25	28.00	30.75	33.25	36.00	38.50	41.25	43.75
3/4	...	...	...	34.25	36.75	39.25	42.00	44.75	47.25	50.00
7/8	...	...	...	42.00	42.75	47.25	50.00	52.50	55.25	57.75



POINTED BELT HOOKS

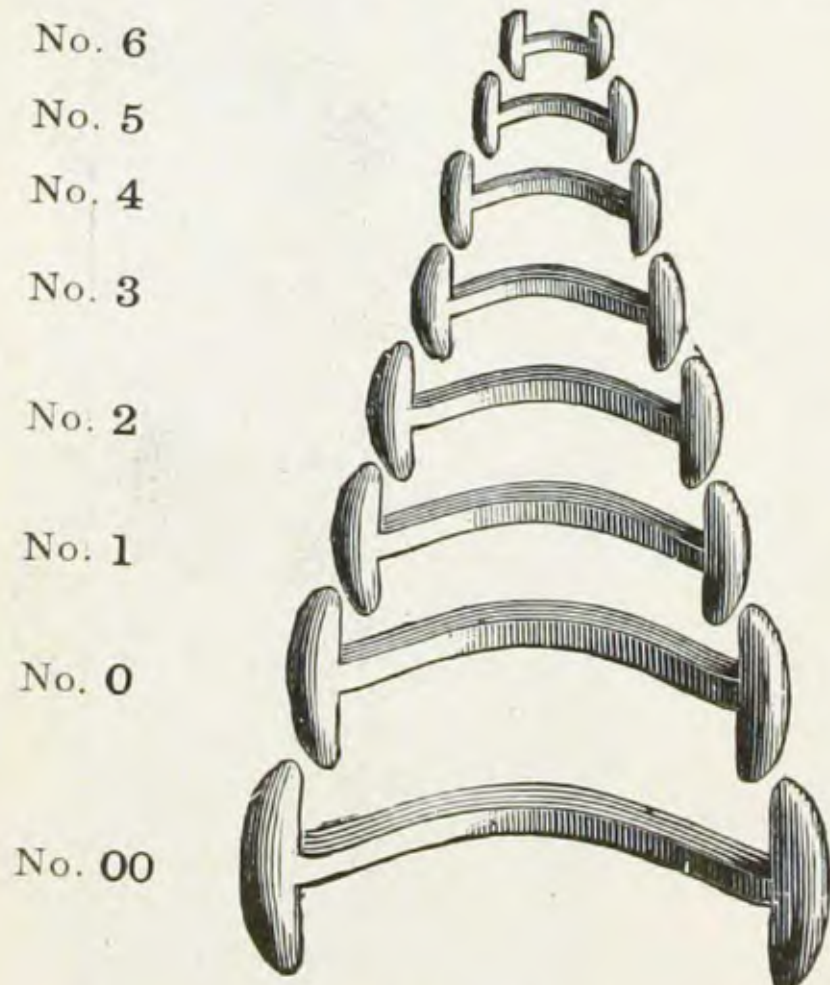
Nos.	1	2	3	4	5	6	7	8
Length over all, in.,	2 $\frac{3}{4}$	2 $\frac{5}{8}$	2 $\frac{1}{2}$	2 $\frac{3}{8}$	2	1 $\frac{11}{16}$	1 $\frac{1}{2}$	1 $\frac{3}{8}$
Per M,	\$30.00	20.00	16.00	14.00	11.00	8.50	6.00	5.00
Nos.	9	10	11	12	13	14	15	
Length over all, in.,	1 $\frac{1}{8}$	1 $\frac{1}{8}$	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{11}{16}$	
Per M,	\$4.00	3.50	3.00	2.80	2.60	2.40	2.00	

Nos. 1 to 5, 100 in a box; Nos. 6 to 10, 250; Nos. 11 to 15, 500.

Nos. 1 to 5, 100 in a box; Nos. 6 to 10, 250; Nos. 11 to 15, 500.

BLAKE'S PATENT BELT STUDS

The best Fastener for Rubber or Leather Belts.



per 100, \$0.60

" " .70

" " .80

" " .90

" " 1.25

" " 1.65

" " 2.00

" " 2.50

RUBBER AND LEATHER CUTTERS



Large Cutters for Rubber Belts,
Small " " Leather "

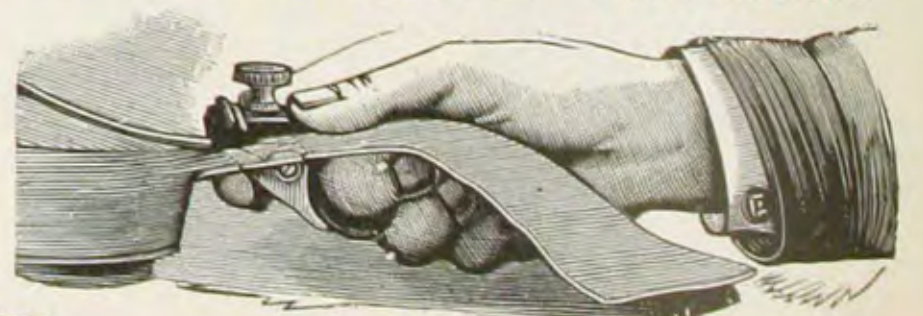
each, \$1.25
" .90

AWL AND PLYERS COMBINED



The Awl at one end of this tool is to spread the slit, and
Pliers at the other end are convenient for inserting the stud.
Awl and Pliers combined, each, \$0.40

EMPIRE LACE CUTTERS



Per dozen,

One in a box,

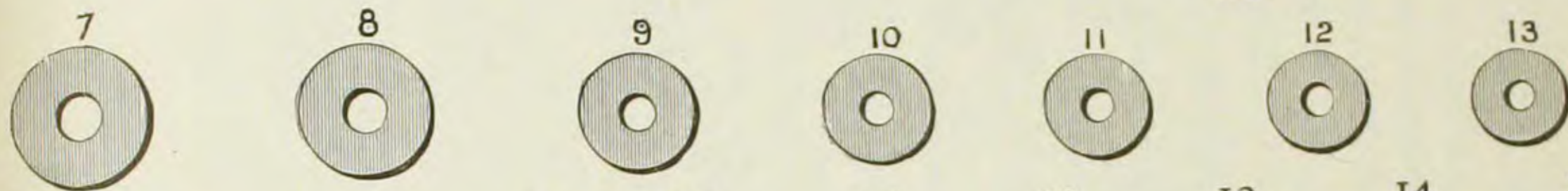
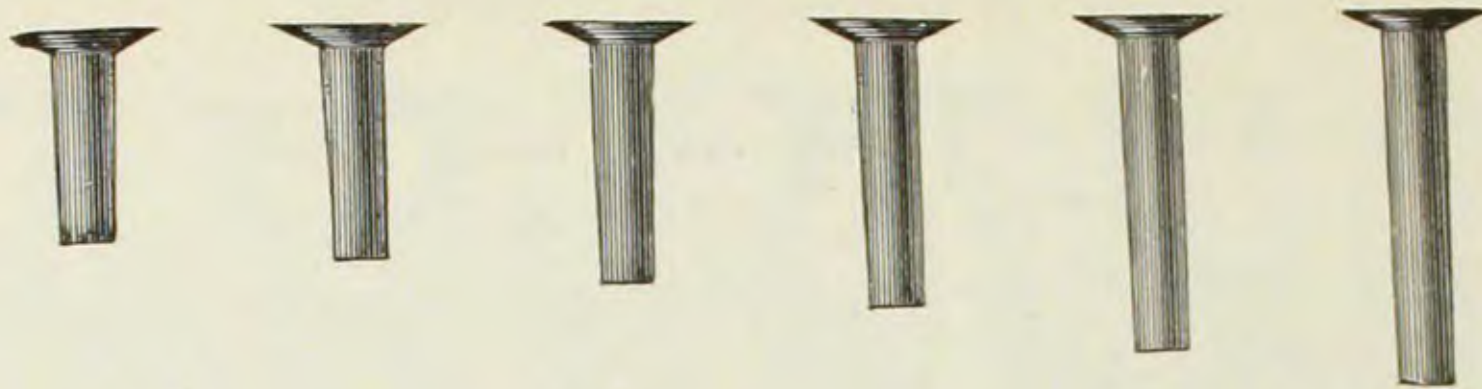
\$6.00

EMPIRE BELT STUDS

Nos. 00 to 3, same list prices as Blake's.
Above, 100 in a box.



COPPER RIVETS AND BURS



Nos.	7	8	9	10	11	12	13	14	15
Per pound, \$	0.49	.50	.52	.54	.56	.58	.60	.65	.70

Rivets only, in 1 and 4 pound boxes.

Rivets and Burs mixed, in 1 pound boxes.

Burs only in 1 pound boxes.

Rivets and Burs, uniform lengths, in $\frac{1}{2}$ pound boxes, advance 3 cents per pound on list.

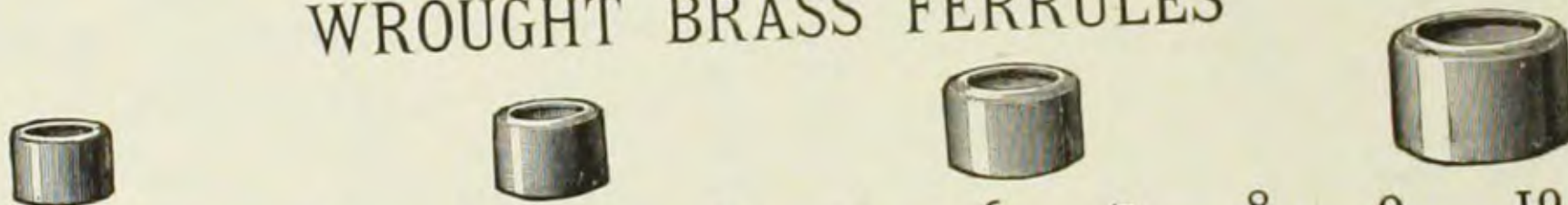
"	"	"	assorted ($\frac{3}{8}$ to $\frac{3}{4}$)	"	1	"	"	3	"	"	"	"	"
"	"	"	"	($\frac{3}{8}$ to $\frac{3}{4}$)	"	$\frac{1}{2}$	"	"	6	"	"	"	"

COPPERED IRON BELT RIVETS AND BURS

MADE FROM SOFT NORWAY IRON

Nos.	7	8	9	10	11	12	13
Rivets and Burs, 1 pound boxes, per pound, \$	0.27	.28	.29	.30	.31	.38	.39
" " " $\frac{1}{2}$ " " " "	.29	.30	.31	.32	.33	.38	.40

WROUGHT BRASS FERRULES



Nos.	00	0	1	2	3	4	5	6	7	8	9	10	Assorted.
Size, inch,	1	$\frac{1}{8}$	$\frac{7}{8}$	$\frac{1}{8}$	$\frac{3}{4}$	$\frac{1}{16}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{5}{16}$	
Per gross, \$	1.65	1.25	1.10	1.00	.85	.80	.65	.60	.47	.35	.33	.30	.70

One gross in a box.

SLOTTED CLINCH RIVETS

No. 9 wire, assorted, $\frac{1}{4}$ to $\frac{1}{2}$ inch, 100 in a box.Metal boxes,
Paper "per carton, \$2.75
" " 2.40100 in a box,
50 " " "

12 boxes in a carton.

TUBULAR RIVETS



JAPANNED

Assorted, $\frac{3}{16}$ to $\frac{1}{2}$ inch.

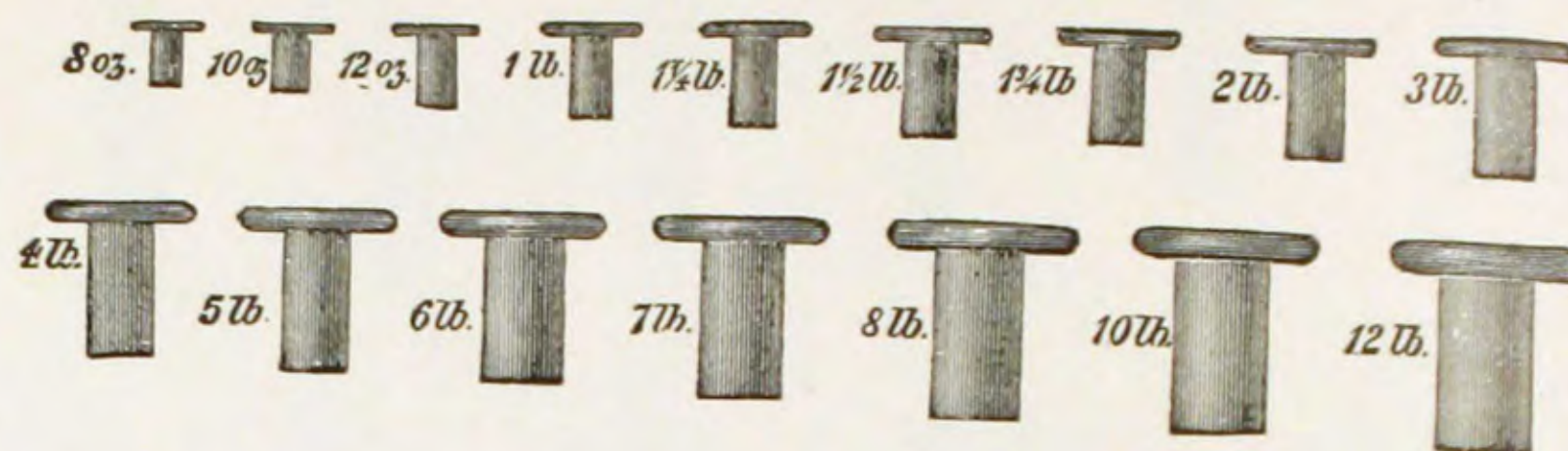
per carton, \$2.80

" " 1.50

12 boxes in a carton.



IRON RIVETS



BLACK AND TINNED IRON RIVETS

FLAT HEADS

ONE THOUSAND RIVETS EACH PAPER

Size.	Black, Per 1000.	Tinned, Per 1000.
8 ounces,		
10 "	.22	.25
12 "	.24	.28
14 "	.26	.30
1 pound,	.27	.33
1 1/4 "	.29	.37
1 1/2 "	.33	.42
1 3/4 "	.37	.48
2 "	.42	.54
2 1/2 "	.55	.69
3 "	.60	.78
3 1/2 "	.70	.81
4 "	.76	1.00
5 "	.90	1.20
6 "	1.08	1.44
7 "	1.26	1.68
8 "	1.44	1.92
9 "	1.53	2.07
10 "	1.75	2.35
12 "	1.98	2.70
14 "	2.31	3.15
16 "	2.64	3.60

Oval or Countersunk Heads, or Extra Lengths,
5 cts. per 1000 in addition to above prices.

BLACK AND TINNED IRON RIVETS

FLAT HEADS

BULK

Size.	Black, Per pound.	Tinned, Per pound.
8 ounces,		
10 "	.34	.40
12 "	.31	.37
14 "	.29	.35
1 pound,	.26	.32
1 1/4 "	.23	.29
1 1/2 "	.22	.28
1 3/4 "	.21	.27
2 "	.20	.26
2 1/2 "	.20	.26
3 "	.19	.25
3 1/2 "	.19	.25
4 "	.18	.24
5 "	.17	.23
6 "	.17	.23
7 "	.17	.23
8 "	.17	.23
9 "	.16	.22
10 "	.16	.22
12 "	.15 1/2	.21 1/2
14 "	.15 1/2	.21 1/2
16 "	.15 1/2	.21 1/2

Above prices are for common Flat Head,
regular size Rivets only.

IRON RIVETS, ANY STYLE HEAD, IN BULK

PER POUND

Diameter in Inches, and Gauge of Wire.	7/16	3/8	1/2	5/8	1	2	3	1/4	4	5	6	3/8	7	8	9	10	11	12	13	14
1/2 inch and longer,	\$0.15	.15	.15	.15 1/2	.15 1/2	.15 1/2	.15 1/2	.15 1/2	.15 1/2	.16	.16	.16	.16 1/2	.17	.18	.19	.20	.21	.25	.27
15-32 inch long,		.16	.16	.16 1/2	.16 1/2	.16 1/2	.16	.16	.17	.17	.17	.17	.18	.18	.19	.20	.22	.24	.27	.30
7-16 "			.16	.16 1/2	.16 1/2	.16 1/2	.17	.17	.17	.18	.18	.18	.18	.19	.20	.21	.24	.26	.30	.35
13-32 "				.16 1/2	.16 1/2	.16 1/2	.17	.17	.18	.18	.18	.18	.19	.19	.20	.22	.26	.28	.33	.38
3-8 "				.16 1/2	.16 1/2	.16 1/2	.17	.17	.18	.18	.18	.19	.19	.20	.21	.23	.27	.29	.34	.40
11-32 "				.16 1/2	.16 1/2	.16 1/2	.17	.17	.18	.18	.19	.19	.19	.20	.21	.23	.27	.29	.34	.40
5-16 "					.16 1/2	.17	.17	.17	.18	.18	.19	.19	.19	.20	.21	.23	.27	.29	.34	.40
9-32 "						.17	.18	.18	.18	.19	.19	.19	.19	.20	.21	.23	.27	.29	.34	.40
1-4 "							.18	.18	.18	.19	.20	.20	.20	.21	.23	.27	.30	.32	.37	.50
7-32 "							.18	.18	.18	.20	.20	.20	.20	.21	.23	.28	.31	.34	.39	.52
3-16 "								.19	.19	.21	.21	.21	.21	.22	.23	.28	.31	.35	.40	.55
5-32 "								.19	.19	.21	.22	.22	.22	.23	.24	.30	.33	.36	.41	.58
1-8 "									.20	.22	.23	.23	.23	.24	.25	.33	.37	.41	.45	.58
3-32 "										.22	.23	.24	.24	.25	.27	.35	.40	.45	.50	.60
Black Swedes Iron Burrs,	.23	.23	.23	.23	.23	.23	.23	.23	.24	.25	.28	.28	.30	.33	.34	.35	.36	.42	.42	.45
Tinned Swedes Iron Burrs,	.29	.29	.29	.29	.29	.29	.29	.29	.30	.31	.34	.34	.36	.39	.40	.41	.42	.48	.48	.51

EXTRAS, ADD TO LIST

Shoulder Rivets, 2 cents per pound.

Pointed Rivets, 2 cents per pound.

NET EXTRAS.—Goods packed in 25 pound boxes, 15 cents per 100 pounds.

In packages of 10 pounds, and smaller, 25 cents per 100 pounds.

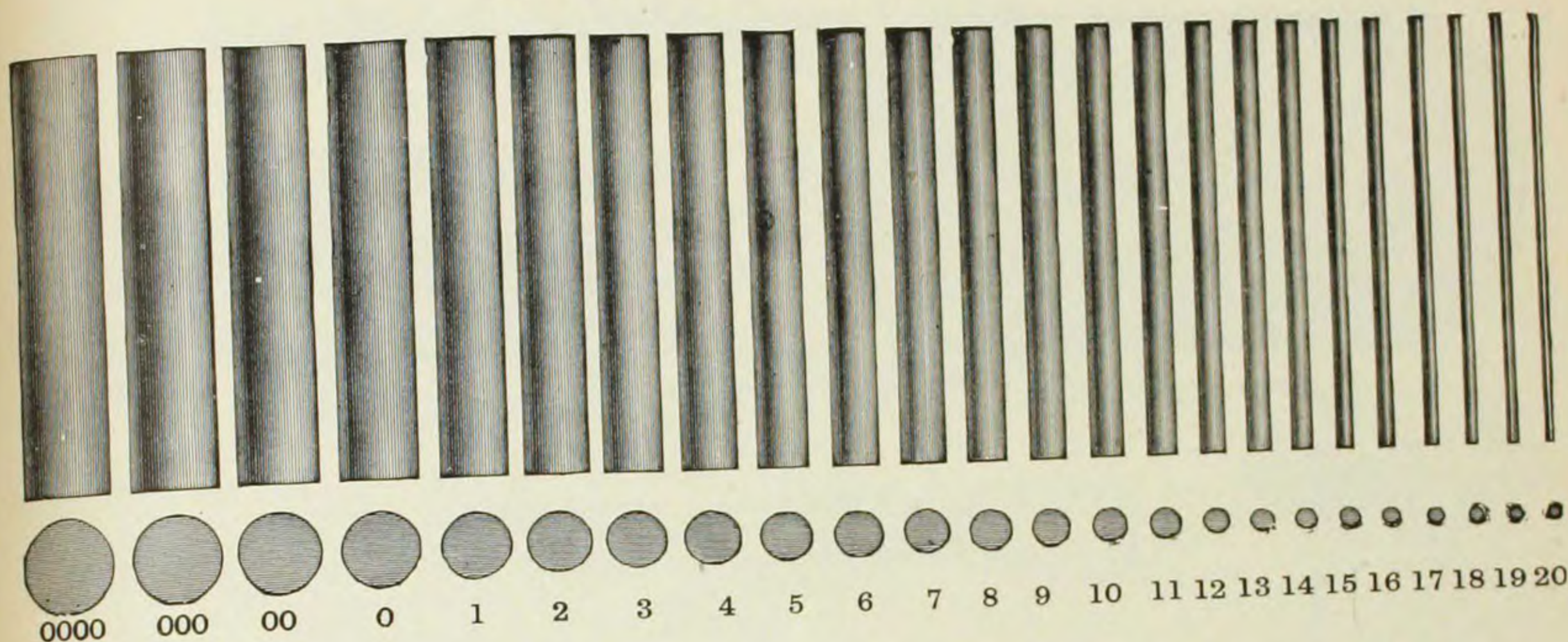
Rivets made from wire smaller than No. 14, all lengths, 70 cents per pound.

Any of the above sizes, Tinned, and not specified, 6 cents per pound advance on above prices.



SHEET BRASS, BRASS AND COPPER WIRE, ETC.

NUMBERS AND SIZES OF WIRE



SHEET BRASS ROLLED AND IN SHEETS

NUMBERED BY BROWN AND SHARPE'S GAUGE

COMMON HIGH BRASS

PER POUND

Nos.	12 to 20	21 to 24	25 and 26	27 and 28
Over 2 in., not wider than 12 in.,	\$0.22	.22	.23	.23
" 12 " " " 14 "	.23	.24	.24½	.25
" 14 " " " 16 "	.25	.26	.27	.28
" 16 " " " 18 "	.27	.28	.29	.30
" 18 " " " 20 "	.29	.30	.31	.32
" 20 " " " 22 "	.31	.32	.33	.34
" 22 " " " 24 "	.33	.34	.35	.36
" 24 " " " 26 "	.36	.37	.38	.39
" 26 " " " 28 "	.39	.40	.41	.42
" 28 " " " 30 "	.42	.43	.44	.45

Add 7 cents per pound for sheets cut to particular lengths.
Add ½ cent per pound on each No. thinner than Nos. 28 to 38.
All Brass thinner than No. 38, not wider than 6 inches,
is Platers' Brass at 55 cents per pound.

LOW BRASS

Four cents per pound more than Common High Brass.

BRASS AND COPPER WIRE IN COILS

NUMBERED BY BROWN AND SHARPE'S WIRE GAUGE

PER POUND

	Common High Brass.	Spring High Brass.	Low Brass.	Copper.
All Nos. to No. 10, inclusive,	\$0.23	.25	.27	.28
Nos. 11 and 16,	.23½	.25½	.27½	.28½
" 17 and 18,	.24	.26	.28	.32
" 19 and 20,	.25	.27	.29	.33
" 21,	.26	.28	.30	.34
" 22,	.27	.29	.31	.35
" 23,	.28	.30	.32	.36
" 24,	.30	.32	.34	.38
" 25,	.32	.34	.36	.40
" 26,	.35	.37	.39	.43
" 27,	.38	.40	.42	.46

Whitened Wire, 3 cents per pound advance.

Flat, Square, and Half-Round Wire, 4 cents per pound advance on Round Wire.

MARKET, STEEL, TINNED, AND GALVANIZED WIRE

Market Wire, Nos.

Bright Market, } per pound,
Annealed, " } " bundle,
Coppered, " } 63 pounds, }
Tinned, " } per pound,
Galvanized, " } " "

0000 to 9	10	11	12	13	14	15	16	17	18
\$0.10	.11	.11	.11½	.12½	.12½	.14	.14	.15	.16
6.30	6.93	6.93	7.24½	7.87½	7.87½	8.82	8.82	9.45	10.08
.15	.16	.16	.17	.17	.17	.17½	.17½	.18	.18½
.10	.11	.11	.11½	.12½	.12½	.14	.14	.15	.16

Above in 63 pound bundles.

Market Wire, Nos.

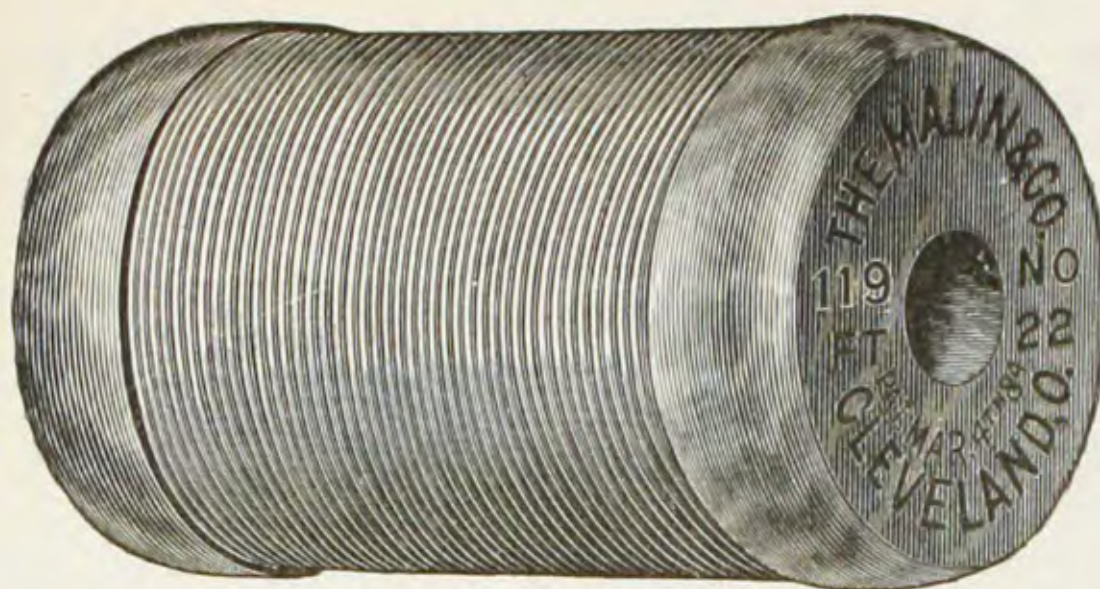
Annealed, per pound,
" " Stone, 12 pounds,
Tinned, per pound,

16	17	18	19	20	21	22	23	24	25	26
\$0.14	.15	.16	.19	.20	.21	.22	.23	.24	.25	.26
1.68	1.80	1.92	2.28	2.40	2.52	2.64	2.76	2.88	3.00	3.12
		.18½	.19	.19	.20	.20	.21	.21	.22	.23

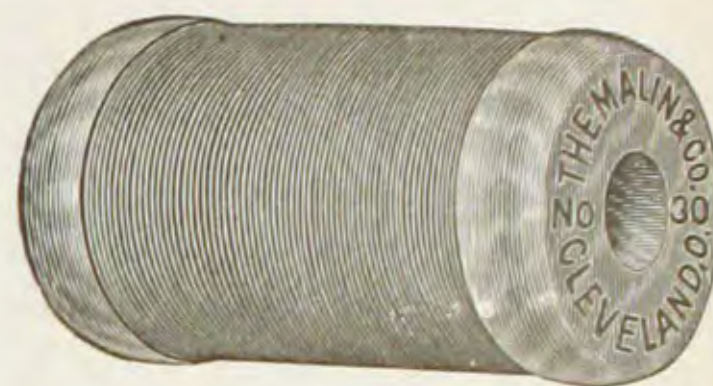


ANNEALED WIRE ON SPOOLS

SHELLAC COATED



Quarter-pound Spool



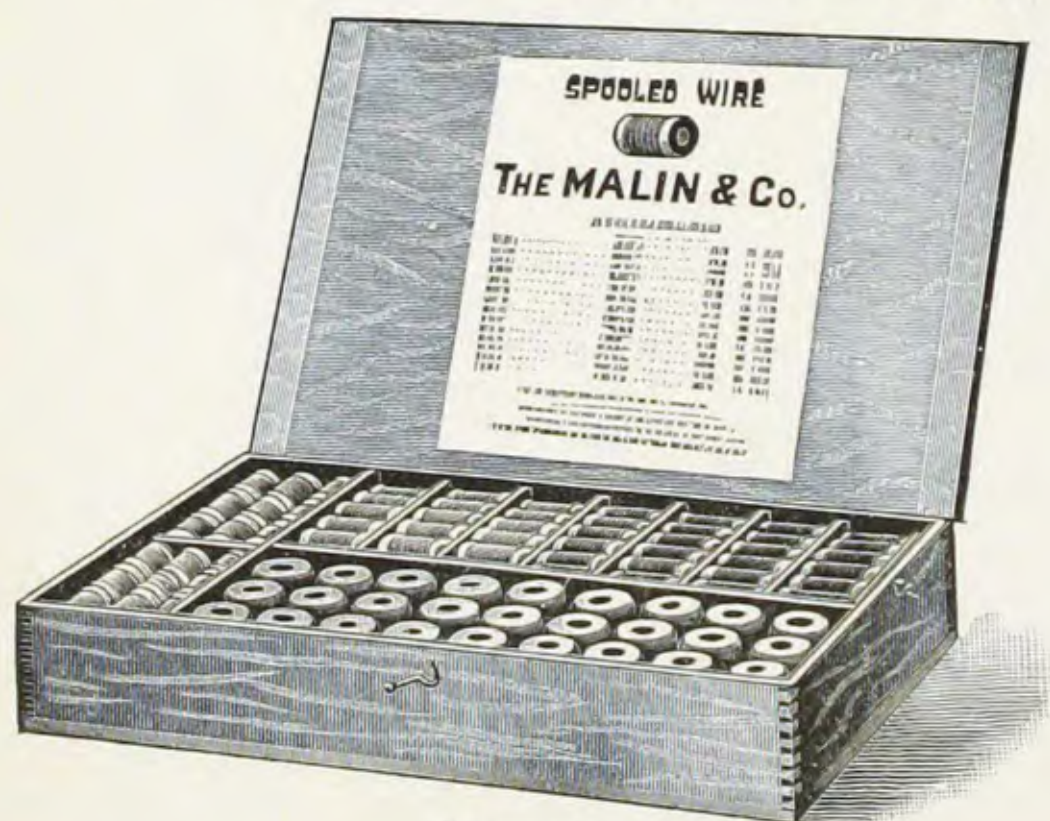
No. 5, or Hair Wire Spool

Gauge of Wire, Nos.				16	17	18	19	20	21	22	23	24	25	26
Annealed	Steel Wire,	$\frac{1}{4}$	pound	\$0.96	.96	.96	1.02	1.02	1.08	1.10	1.12	1.14	1.18	1.20
"	"	$\frac{1}{2}$	"	1.58	1.60	1.64	1.66	1.68	1.74	1.80	1.86	1.94	2.00	2.04
"	"	1	"	2.46	2.56	2.64	2.68	2.76	2.86	2.96	3.05	3.15	3.20	3.30
"	Tinned	$\frac{1}{4}$	"	1.20	1.20	1.20	1.25	1.25	1.28	1.32	1.36	1.40	1.45	1.50
"	"	$\frac{1}{2}$	"	2.08	2.11	2.13	2.18	2.18	2.30	2.36	2.42	2.48	2.55	2.60
"	"	1	"	3.50	3.58	3.64	3.70	3.75	3.90	4.00	4.10	4.20	4.40	4.50
Soft	Brass Wire,	$\frac{1}{4}$	"	2.00	2.00	2.00	2.06	2.06	2.10	2.20	2.28	2.40	2.50	2.65
"	"	$\frac{1}{2}$	"	3.36	3.36	3.36	3.48	3.48	3.56	3.68	3.94	4.14	4.34	4.62
"	"	1	"	6.10	6.10	6.10	6.34	6.34	6.50	6.74	7.16	7.56	7.96	8.52
Spring	"	$\frac{1}{4}$	"	2.15	2.15	2.15	2.21	2.21	2.25	2.35	2.43	2.55	2.65	2.80
"	"	$\frac{1}{2}$	"	3.61	3.61	3.61	3.73	3.73	3.81	3.93	4.19	4.39	4.59	4.87
"	"	1	"	6.60	6.60	6.60	6.84	6.84	7.00	7.24	7.66	8.40	8.46	9.02
Soft Copper	"	$\frac{1}{4}$	"	2.20	2.20	2.20	2.20	2.20	2.30	2.40	2.50	2.60	2.70	2.70
"	"	$\frac{1}{2}$	"	3.90	3.90	3.90	3.90	3.90	4.20	4.40	4.60	4.70	4.80	4.90
"	"	1	"	7.50	7.50	7.50	7.50	7.50	8.00	8.20	8.50	8.60	9.00	9.20

One dozen in a box.

RETAIL DEALERS' STOCK OF SPOOLED WIRE

IN WOODEN BOX WITH HINGED COVER



CONTAINS:

- CONTAINS:
- | | |
|--|------------------------------|
| 12 No. 5 Spools, Annealed Steel Wire, | |
| 3 ¼ lb. Spools, Annealed Steel Wire, | each Nos. 28, 30, 32, 34 |
| 12 No. 5 Spools, Tinned Annealed Steel Wire, | each Nos. 18, 20, 22, 24, 26 |
| 3 ¼ lb. Spools, Annealed Steel Wire, | each Nos. 28, 30, 32 |
| 6 No. 4 " Soft Copper | " " Nos. 18, 20, 22, 24 |
| 6 No. 4 " Brass | " " Nos. 20, 22, 24 |
| Complete, | Nos. 20, 22, 24 |
| | each, \$10.00 |

NO. 4, OR SMALL SPOOL

Gauge of Wire, Nos.	20	22	24	26	28	30
	Annealed Steel.	Tinned Steel.	Soft Brass.	Spring Brass.		Soft Copper.
Per dozen,	\$0.50	.70	.80	.85		1.00

One dozen in a box.

NO. 5, OR HAIR WIRE SPOOL

Gauge of Wire, Nos.	24	26	28	30
Black, per gross,	\$3.50	3.50	3.50	3.75
Tinned,	4.25	4.25	4.25	4.50
Gauge of Wire, Nos.	32	34	36	38
Black, per gross,	\$4.00	4.25	5.25	6.25
Tinned,	4.75	5.00	6.00	7.00

One dozen in a box.

COMPOSITION WIRE BELT LACING

- | | |
|--------------|--|
| No. 0 | For Belts 2 inches Wide and Under. |
| No. 1 | " Single Belts, 6 inches Wide and Under. |
| No. 2 | " " 6 to 20 inches Wide. |
| No. 3 | " " 20 to 40 " " |
| | Uniform in price. |
| Per 100 feet | |

Per 100 feet,

50 feet on a spool.

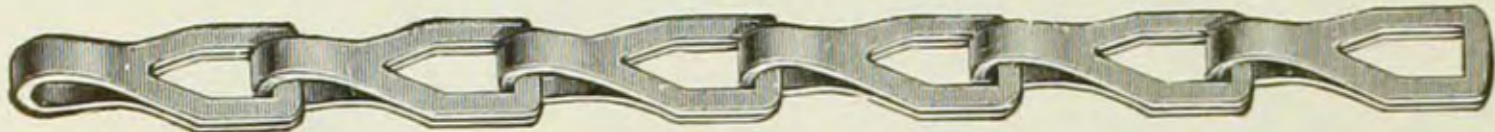
One spool in a box.

\$2.00

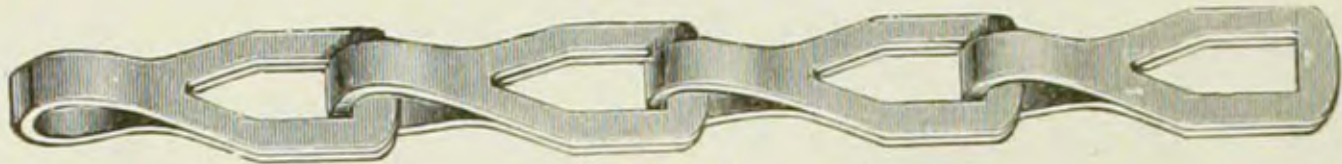


AMERICAN HALTER AND COIL CHAIN

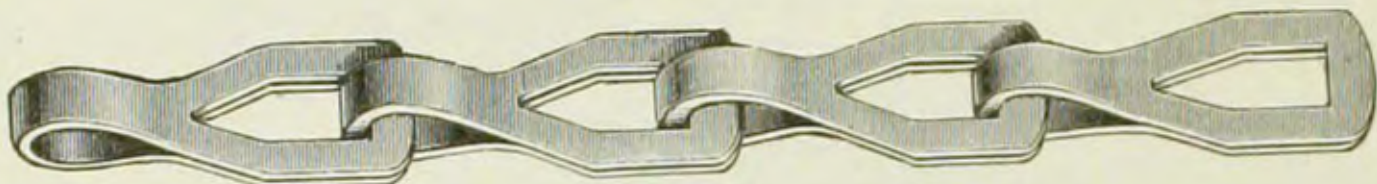
ILLUSTRATIONS, FULL-SIZE



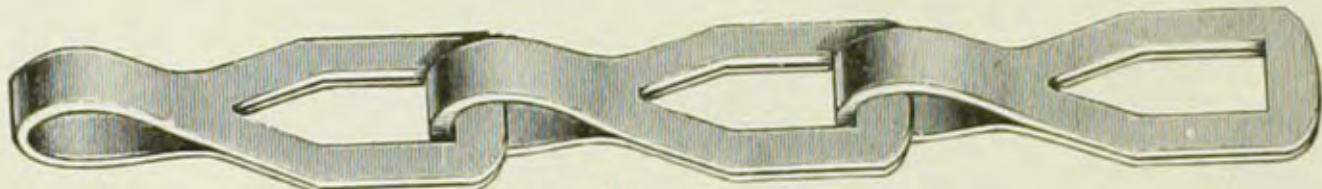
No. 7



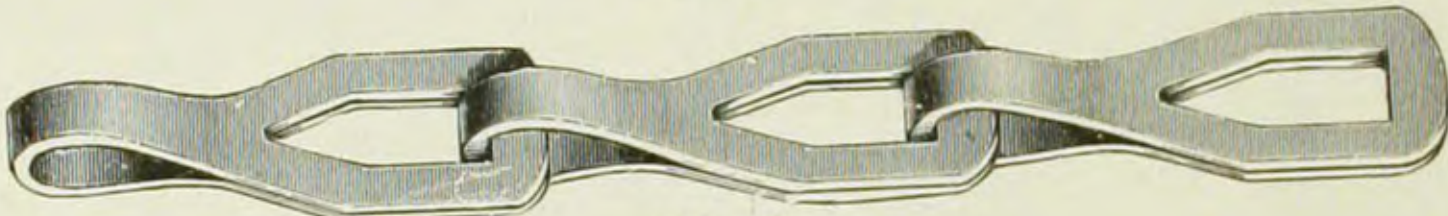
No. 6



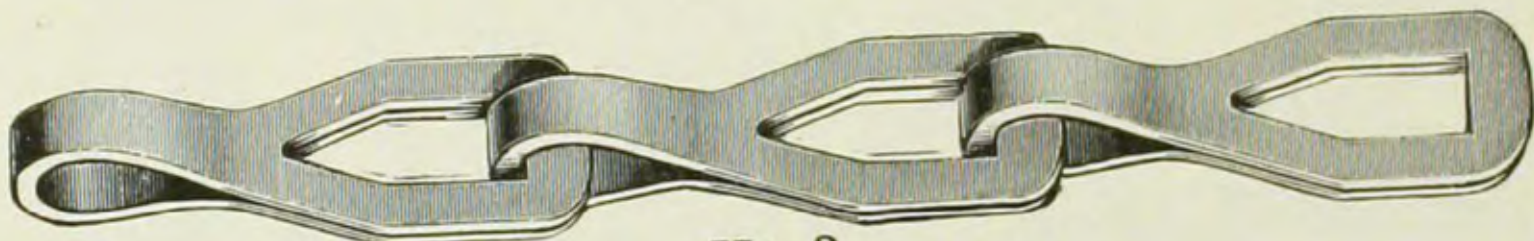
No. 5



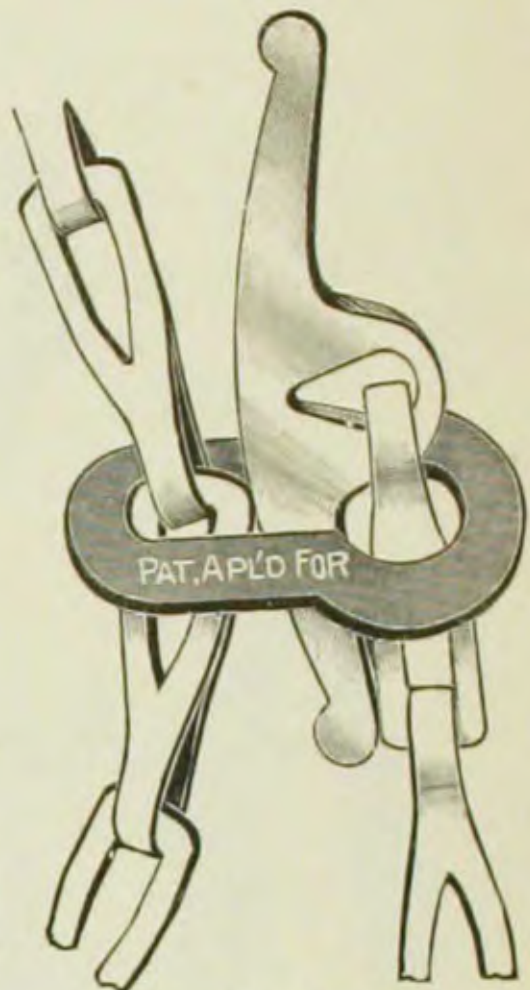
No. 4



No. 3



No. 2



New Style Slip Ring



Patent Solid Steel Snap

AMERICAN HALTER CHAINS

Nos.	0000	000	00	0	I	2	3	4	5	6	7
4 1/2 feet,	per dozen, \$5.75	4.85	4.10	3.50	3.00	2.65	2.40	2.30	2.25	2.20	2.20
6 "	" " 7.15	6.10	5.20	4.50	4.00	3.50	3.25	3.15	3.10	3.00	3.00

Each Chain has Swivel Snap, T, and 2 Rings.
4 1/2 feet, Nos. 0000 and 000, half dozen in a box; Nos. 00 to 7, one dozen.
6 " Nos. 0000 to 0 " " " " Nos. 1 to 7, " "

AMERICAN BRIGHT COIL CHAIN

Nos.	0000	000	00	0	I	2	3	4	5	6	7
Per 100 feet,	\$8.50	7.30	6.15	5.50	4.75	4.10	3.90	3.80	3.70	3.60	3.60

100 feet in a box.

AMERICAN STAKING OUT CHAINS

Nos.	0	I	2
Per dozen,	\$20.00	18.00	17.00

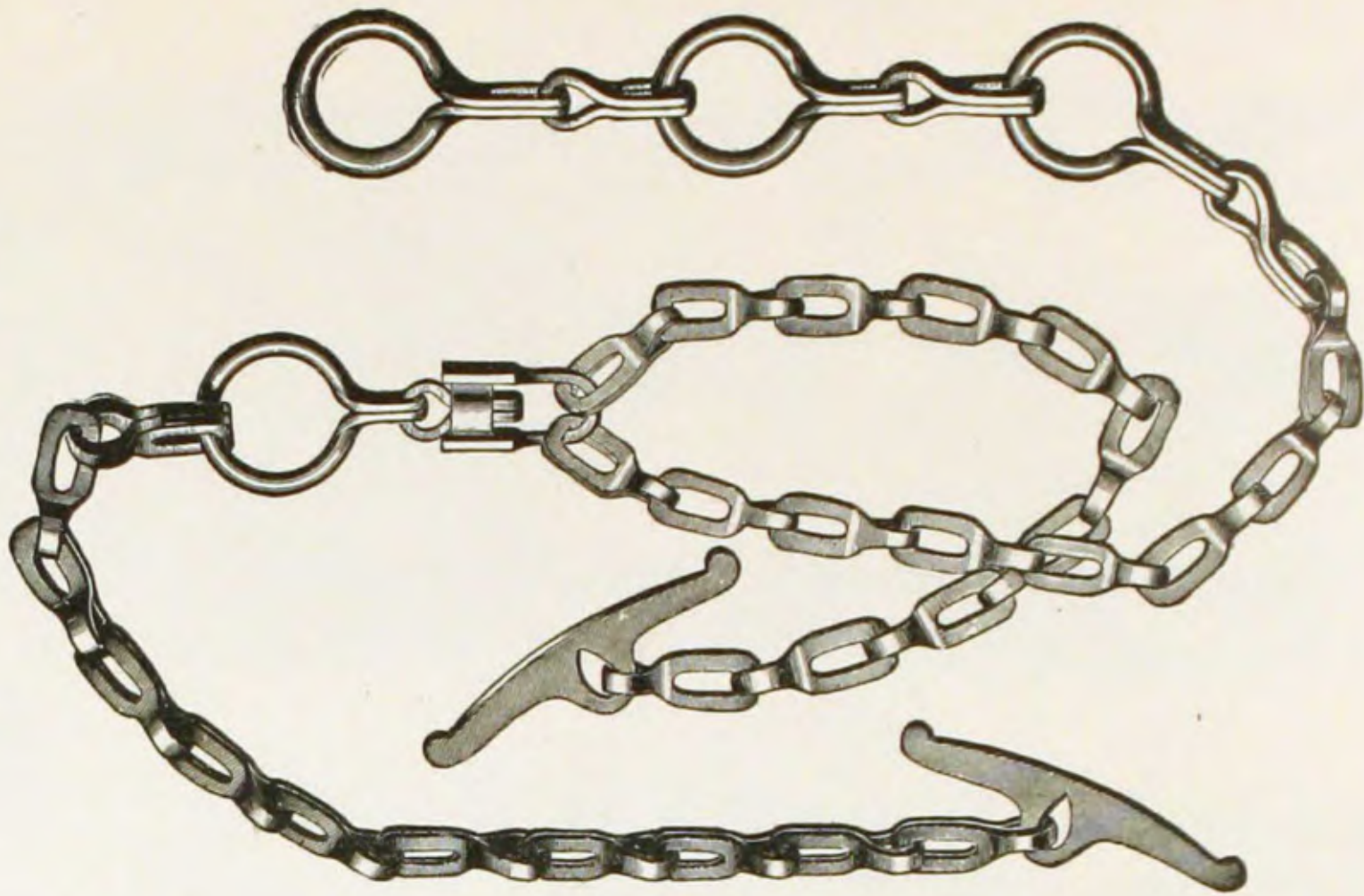
20 feet long, with Spring Snap on one end, Swivel in Center, 2 inch Ring and Swivel on other end.

AMERICAN TRACE CHAINS

Nos.	I	2	3	4
Length, feet,	6 1/2	6 1/2	7	7
No. of Links to feet,	9	9	9	10
Gauge,	12	10	12	10
Per pair,	\$1.15	1.20	1.25	1.30



AMERICAN COW TIES



Ohio Pattern

OHIO PATTERN, TWO TOGGLES

Nos.	0000	000	00	0
Per dozen, \$4.50		3.75	3.25	3.00

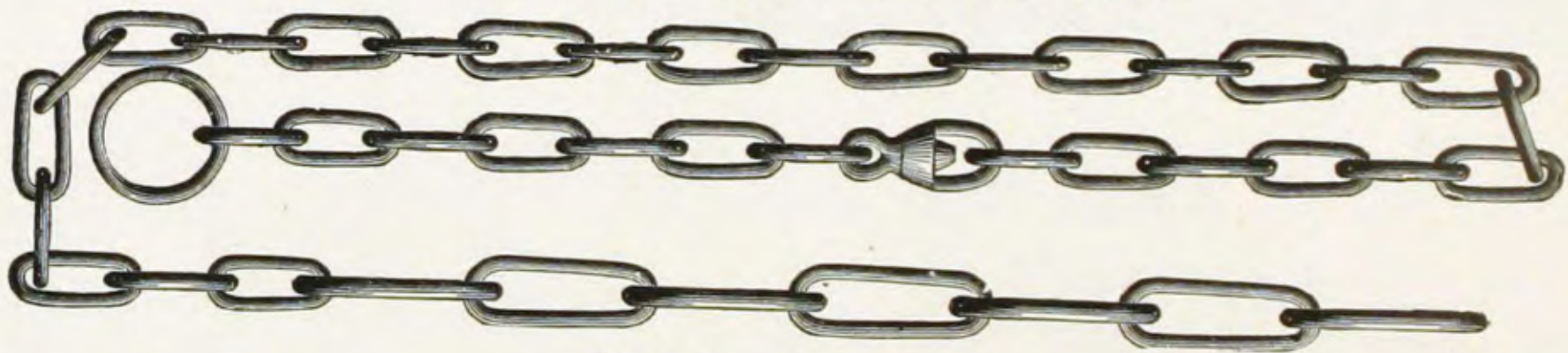
OPEN RING PATTERN

Nos.	0000	000	00	0
Per dozen, \$4.75		4.00	3.50	3.25

Half dozen in a box.

TRACE CHAINS

BRIGHT, WITH RING, STRAIGHT LINK



Per pair.

6 1/2 feet, 8 Links, No. 3, Exact Size, \$0.82

6 1/2 feet, 8 Links, No. 4, Exact Size, \$0.74

Per pair.

With Hooks, add \$0.02 per pair, net; other sizes furnished to order.

BUTT OR HALF TRACE CHAINS

BRIGHT, WITH RING, STRAIGHT LINK
EXACT SIZES

3 1/2 feet, 8 Links, No. 3,	per pair, \$0.58
3 1/2 " 8 " No. 4,	" " .51

With Hooks, add \$0.02 per pair, net;
other sizes, furnished to order.

Exact size 6 1/2, 8, 3 is English 6 1/2, 10, 2; exact size 6 1/2, 8, 4 is English 6 1/2, 10, 3.

STAKE OR BINDING CHAINS

WITH 3 INCH RING AND HOOK
EXACT SIZES

6 1/2 feet, 8 Links, No. 3,	per pair, \$1.00
6 1/2 " 8 " No. 4,	" " .93

Other sizes furnished to order.

WELL BUCKET CHAINS

WITH RING, S HOOK AND SWIVEL



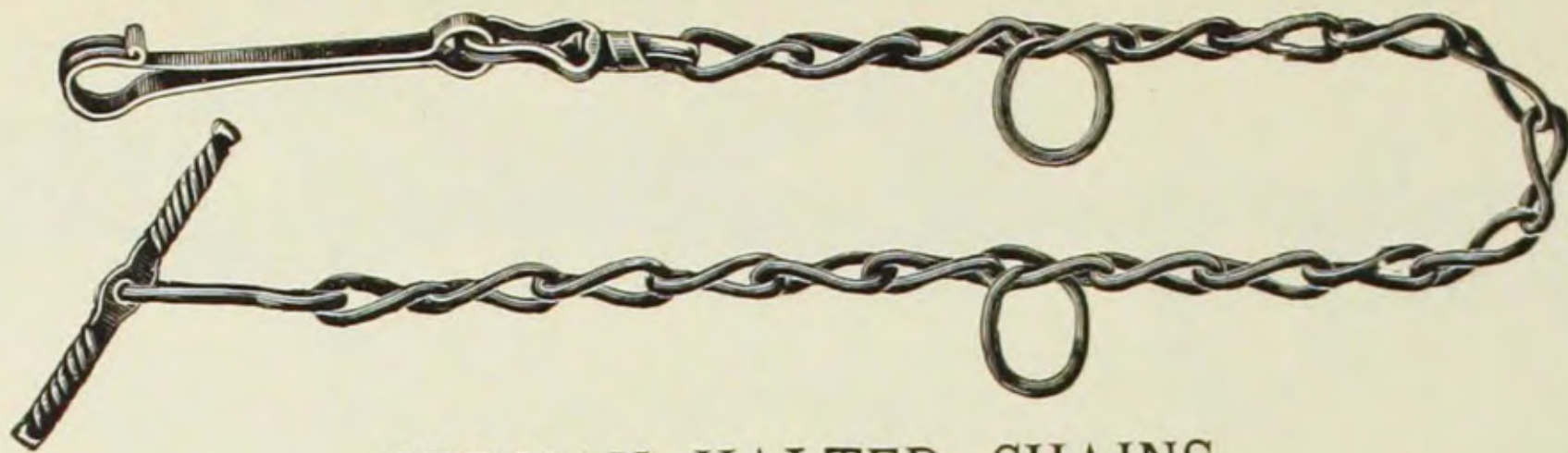
30 inch, 6 Links, No. 4, Exact Size,

each, \$0.19



GERMAN HALTER AND COIL CHAIN

895

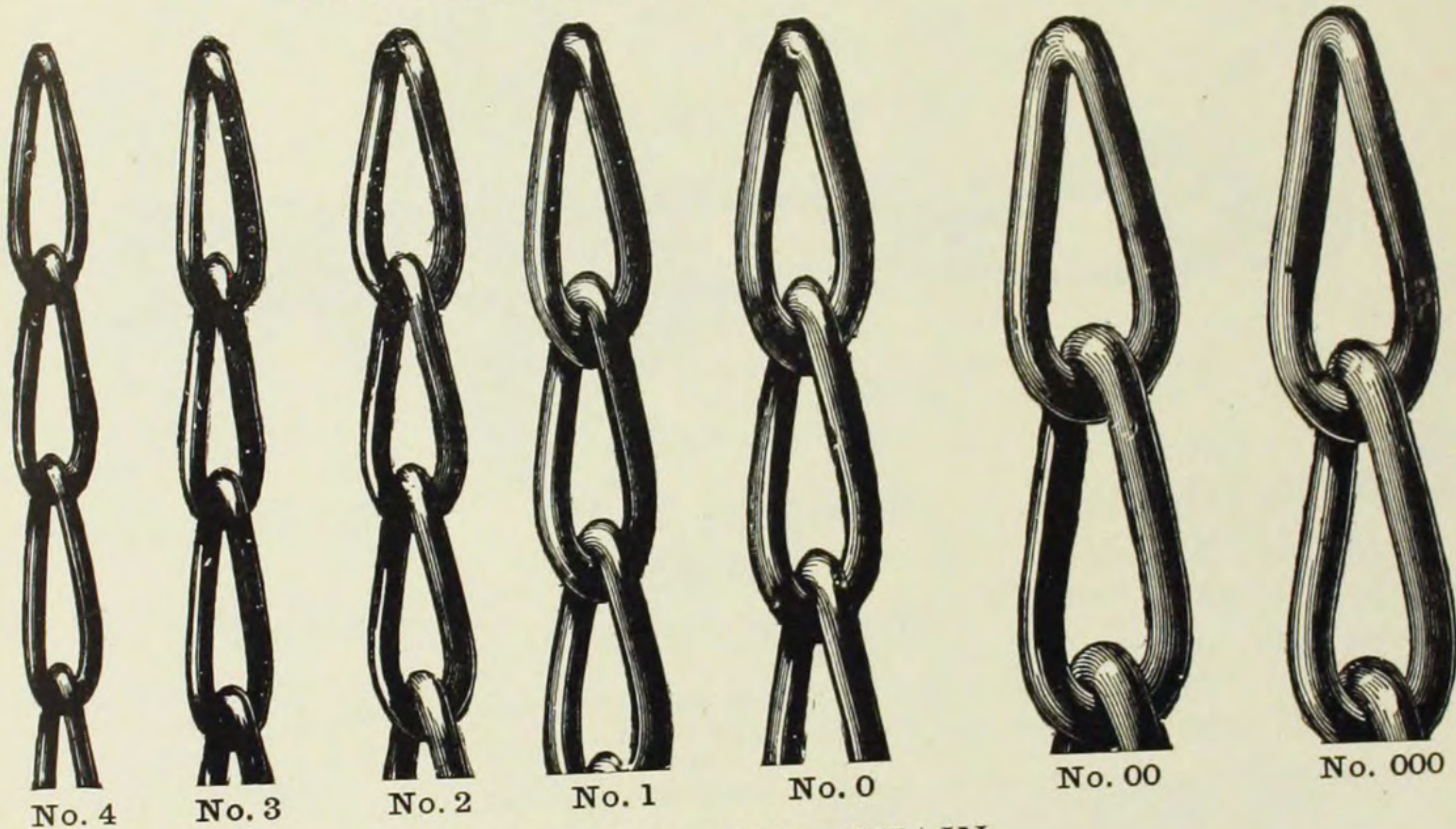


GERMAN HALTER CHAINS

Illustrations below show full sizes of Links.

Nos.	0000	000	00	0	1	2	3	4	5	6	7
4 1/2 feet, per dozen,	\$9.00	7.80	6.80	5.80	5.00	4.70	4.50	4.30	4.20	4.20	4.20
6 " " "	12.50	9.80	8.60	7.40	6.80	6.20	5.80	5.70	5.60	5.60	5.60

Nos. 0000 to 0, half dozen in a package; other Nos., one dozen.



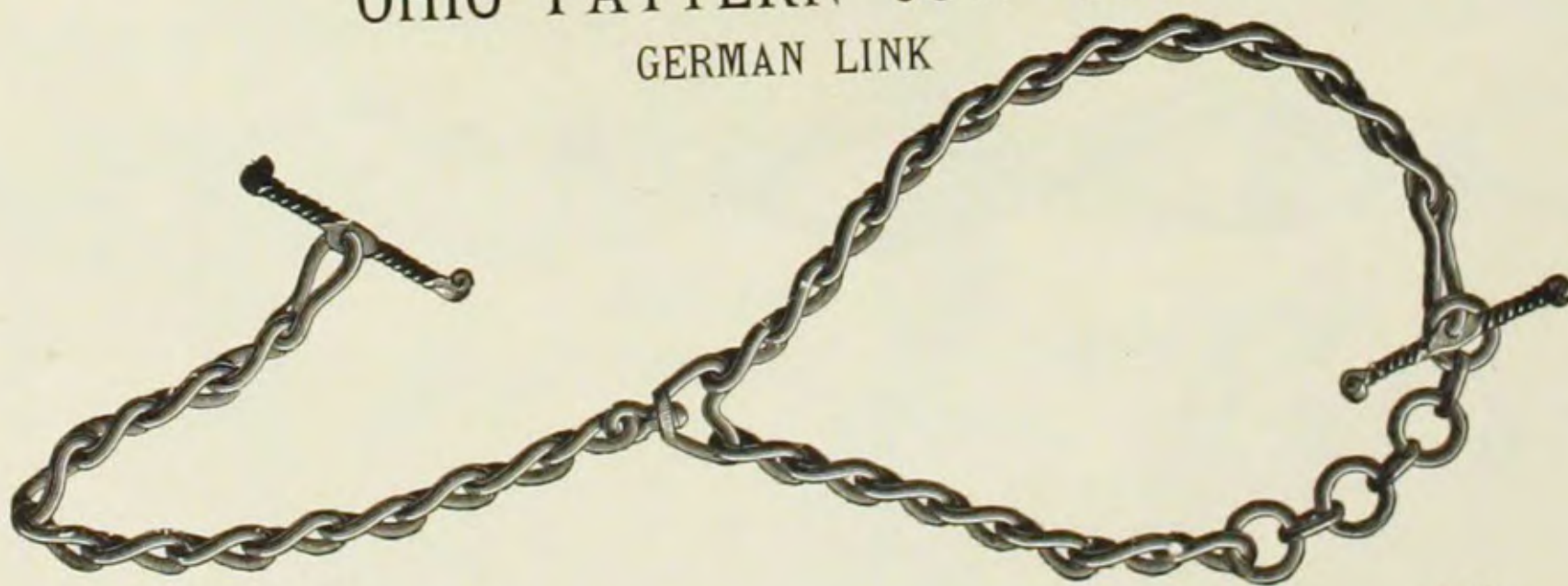
GERMAN COIL CHAIN

Nos.	0000	000	00	0	1	2	3	4	5	6	7
Per 100 feet,	\$13.00	11.00	10.00	8.80	7.80	7.20	6.80	6.60	6.50	6.50	6.50

100 feet in a package.

OHIO PATTERN COW TIES

GERMAN LINK

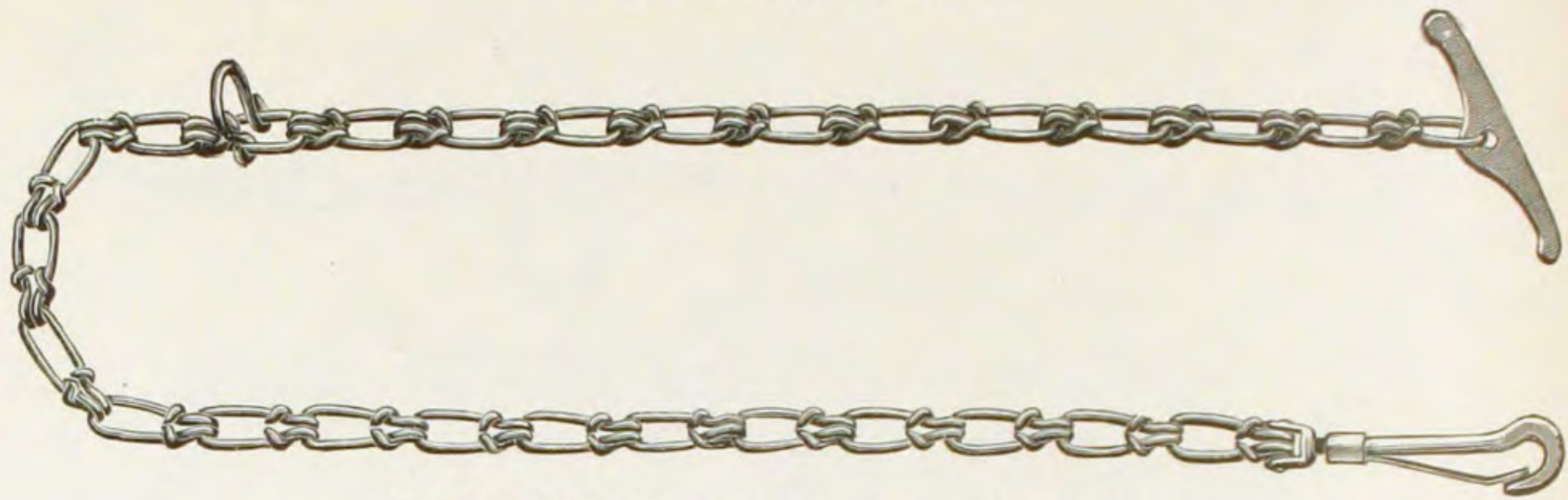


Nos.	00	000	00	000	0000
Feet,	4 1/2	4 1/2	5	5	5
Wire Gauge, No.	6	5	6	5	4
Per dozen,	\$3.60	3.85	3.78	4.03	4.30



TRIUMPH STEEL CHAINS

PATENTED MARCH 8, 1887



TRIUMPH HALTER CHAINS

Nos.	4-0	3-0	2-0	0	1	2	3	4	5	6	7
4½ feet, per dozen,	\$6.30	5.20	4.50	4.00	3.50	3.00	2.75	2.65	2.55	2.45	2.45
6 " " "	8.00	6.75	5.75	5.00	4.50	4.00	3.60	3.35	3.20	3.10	3.10

Nos. 4-0 to 0, half dozen in a box; others, one dozen.

TRIUMPH COIL CHAINS



Nos.	6/0	5/0	4/0	3/0	2/0	0	1	2	3	4	5	6	7
Per 100 feet,	\$13.50	11.00	10.00	7.75	6.75	6.00	5.25	4.65	4.25	4.00	3.90	3.80	3.80

No. 0. Full Size
100 feet in a package.

TRIUMPH TIE-OUT CHAINS

20 FEET LONG

Nos.	3/0	2/0	0	1	2
Per doz.,	\$27.00	23.00	20.00	18.00	16.00

30 FEET LONG

Nos.	3/0	2/0	0	1
Per dozen,	\$38.00	32.50	28.00	25.00

These Chains have stake ring, a swivel every ten feet, and a swivel snap.
Half dozen in a package.

TRIUMPH TRACE CHAINS

WITH SWIVEL AND CLEVIS

Nos.	6-0	5-0	4-0	3-0
6½ feet, per pair,	\$1.80	1.60	1.40	1.25
7 " " "	1.90	1.70	1.50	1.35

In ordering, specify if wanted with Ring or Hook.

TRIUMPH COW TIES

OHIO PATTERN. TWO TOGGLES

Nos.	4-0	3-0	2-0	0
Per dozen,	\$4.00	3.60	3.25	3.00

TOGGLE AND SNAP

Nos.	4-0	3-0	2-0	0
Per dozen,	\$4.25	3.85	3.50	3.25

One dozen in a package.

PERFECTION TWISTED LINK CHAINS

PATENTED AUGUST 27, 1895

The Perfection is identical with the German Chain except it is made weldless and is much stronger and cheaper than the imported or welded chains.



No. 2. Full Size

PERFECTION HALTER CHAINS

Nos.	3-0	2-0	0	1	2	3
4½ feet, per dozen,	\$5.70	5.10	4.50	4.20	3.85	3.70
6 " " "	7.25	6.50	5.75	5.40	5.10	4.70

Nos. 3-0 to 0, half dozen in a box; others, one dozen.

PERFECTION COIL CHAINS

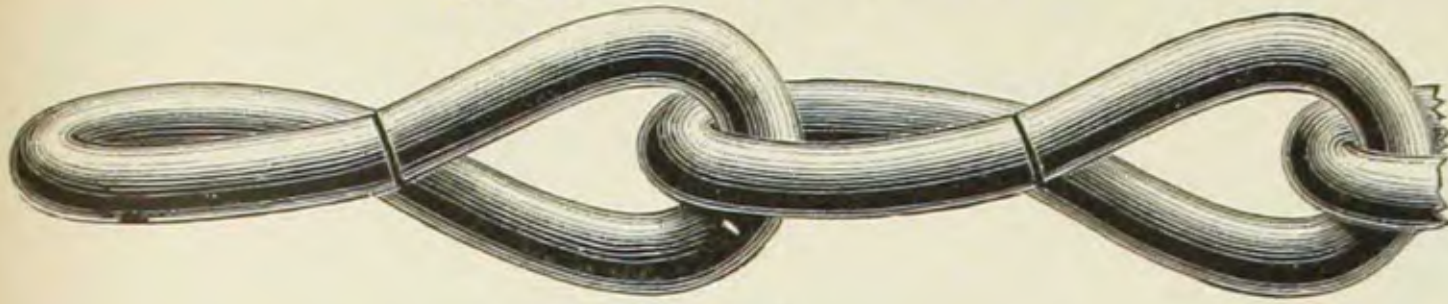
Nos.	4/0	3/0	2/0	0	1	2	3
Per 100 feet,	\$9.50	7.75	7.10	6.60	6.20	5.85	5.60

100 feet in a package.



GALVANIZED WELL CHAIN

ILLUSTRATION, FULL-SIZE



No. 6

No. 5 Weighing about 36 lbs. per 100 feet, per lb., \$
 No. 6 " " 34 " " 100 " " "
 In Barrels of about 600 lbs., or Half Barrels of about 300 lbs.

CROSBY'S RUBBER BUCKETS FOR CHAIN PUMPS



Crosby



Swivel Link

This is the most durable Bucket made. It never freezes; it does not require priming. It is self-expansive, the base of the Bucket being $\frac{1}{8}$ inch larger at the bottom than the bore in the tubes, which allows it to expand, and the groove in the side to contract.
 1 $\frac{1}{4}$ in., for Deep Wells, per set of 3, \$0.30
 1 $\frac{1}{2}$ " Regular size, " " " 3, .30
 Swivel Link, " " " 3, .36

ALUMINUM KEY CHAINS



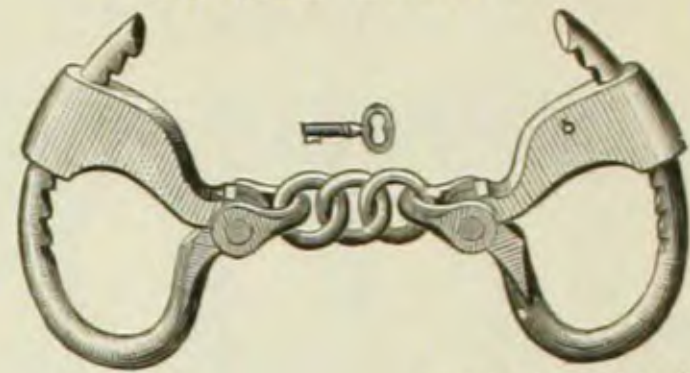
Per dozen,

One dozen in a box.

\$2.25

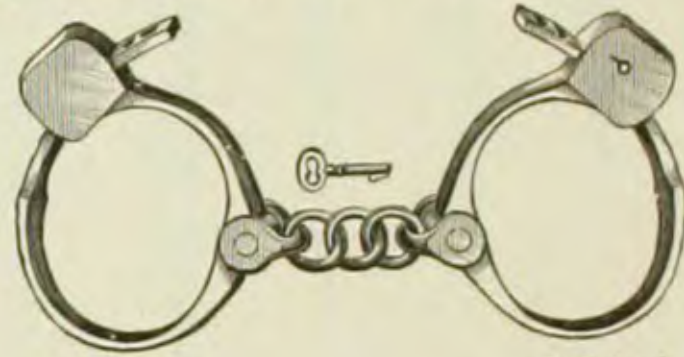
TOWER'S ADJUSTABLE HANDCUFFS

DOUBLE LOCKING



No.		Polished, per pair.	Nickel-plated, per pair.
10	Handcuffs,	\$4.00	\$4.75
30	" for 3 hands,	6.00	7.00
50	Leg Irons,	6.00	7.00

TOWER'S DETECTIVE HANDCUFFS



No.		Polished, per pair.	Nickel-plated, per pair.
60	Handcuffs,	\$4.00	\$4.75
70	Leg Irons,	6.00	7.00



POLICE NIPPERS

NICKEL-PLATED

Patented

Phillips' Tower's

Phillips' Nippers,
Tower's Perfect Twisters
(or chain nippers),

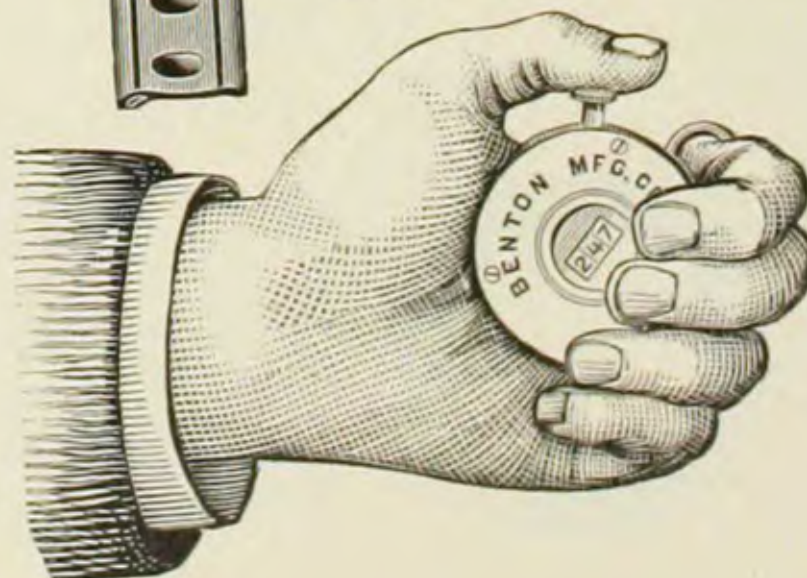
per dozen, \$12.00

" " 12.00



OIL CLOTH BINDING TURNED EDGE

Per dozen sets.	Zinc.	Brass.
4 yards to set,	\$2.40	\$3.60
5 " "	3.00	4.50
6 " "	3.60	5.40
8 " "	4.80	7.20
One dozen sets, with Corners and Pins, in a box.		



HAND TALLY REGISTERS

Each, \$2.50

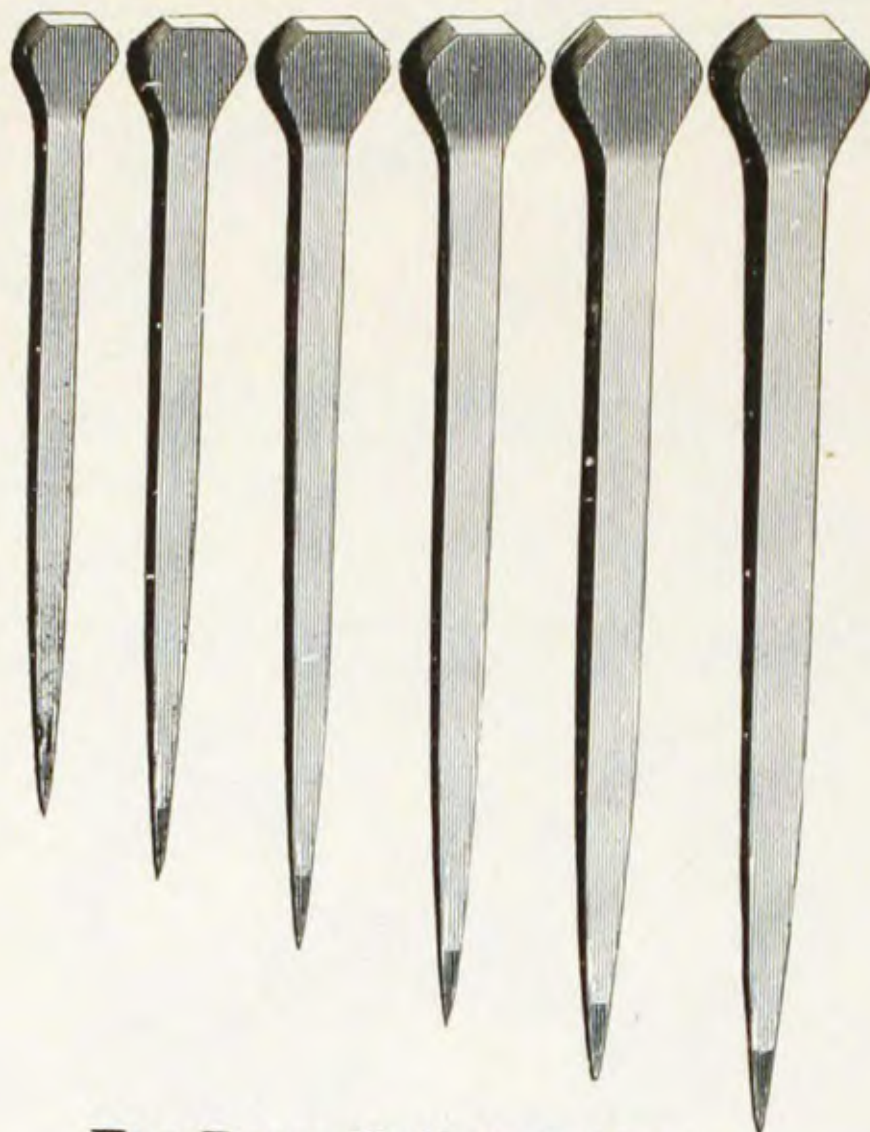
One in a box.



AUSABLE HORSE NAILS

THE ORIGINAL HOT FORGED AND HAMMER POINTED, IMITATING THE OLD-FASHIONED HAND PROCESS

STANDARD HEADS



Ausable Nails are made of homogeneous metal. They will not split, sliver, or bend, in driving, and will hold shoes on until they are worn out.

REGULAR, STANDARD HEADS LIGHT, CITY HEADS

POLISHED AND POINTED, OR BLUED
AND POINTED

Nos.	2	3	4	4½	5	6
Per lb.,	\$2.00	1.00	.50	.40	.31	.28
Nos.	7	8	9	10	11	12
Per lb.,	\$0.26	.25	.24	.23	.23	.23

Nos. 2, 3, and 4, five pounds in a box; other Nos. twenty-five pounds; also in five pound cartons, five in a case. In ordering, specify style of head and finish.

For Deep Fullered Shoes

CLINTON HORSE NAILS

Made by the Ausable Company, a standard brand. They are unequalled as medium-priced nails. Standard Heads only.

POLISHED AND POINTED

Nos.	5	6	7	8	9	10
Per lb.,	\$0.22	.19	.17	.16	.15	.14

Twenty-five pounds in a box.

AMERICAN HORSE NAILS

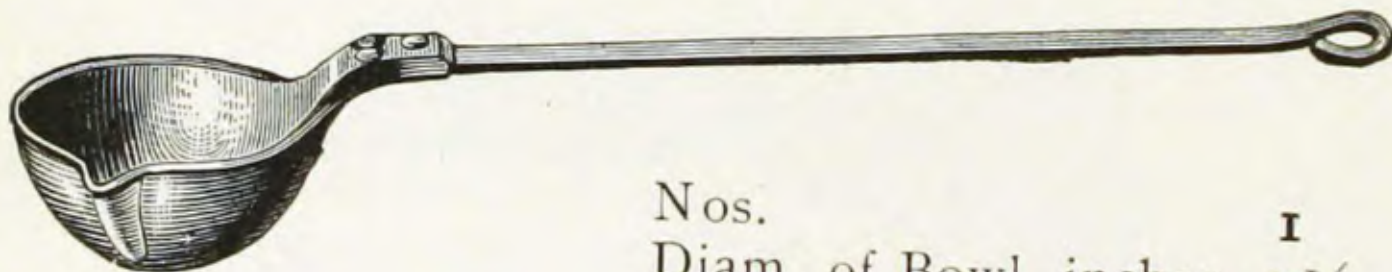
Made by the Ausable Company. The best cheap Nail in the market. Standard Heads only.

POLISHED AND POINTED

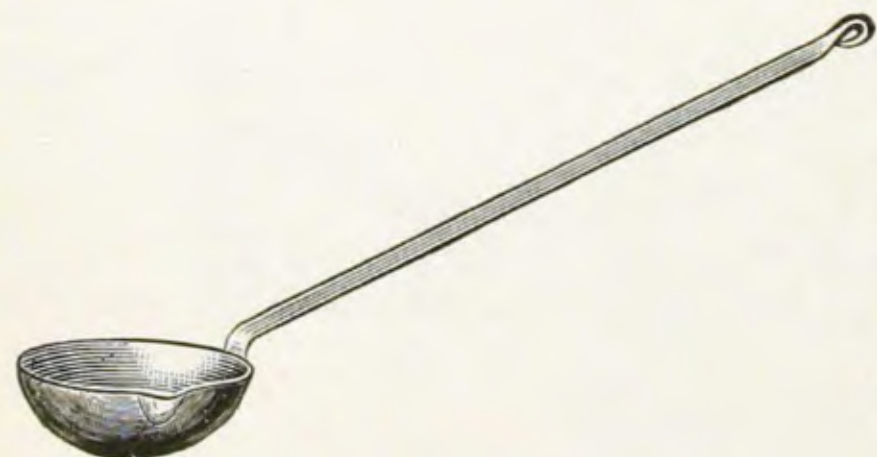
Nos.	5	6	7	8	9
Per lb.,	\$				

Twenty-five pounds in a box.

JAPANNED MELTING LADLES

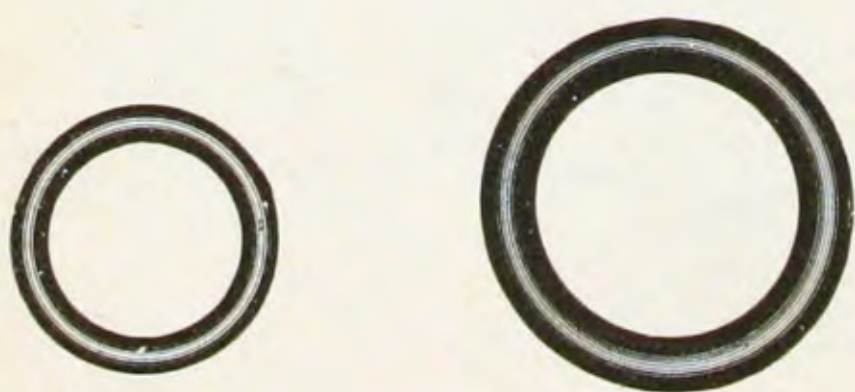


Nos.	1	2	3	4	5	6	7
Diam. of Bowl, inches,	2½	3	3½	4	4½	5	6
Per dozen,	\$1.90	2.00	2.75	3.25	4.50	5.60	7.25



PLAIN WROUGHT IRON MELTING LADLES

Diam. of Bowl, inches,	2½	3	3½	4	4½	5	5½	6
Per dozen,	\$1.15	1.25	1.50	1.75	2.00	2.25	2.75	3.25



MALLEABLE JAPANNED HARNESS RINGS

Size, in.,	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2
Gauge No.						7	4	4	3	1
Per gross,	\$0.54	.58	.68	.86	.96	1.14	1.60	1.90	2.90	4.50

5/8 inch, two gross in a box; 3/4 to 1 1/8 inches, one gross; 1 1/4 to 1 3/4 inches, half gross; 2 inches, quarter gross.



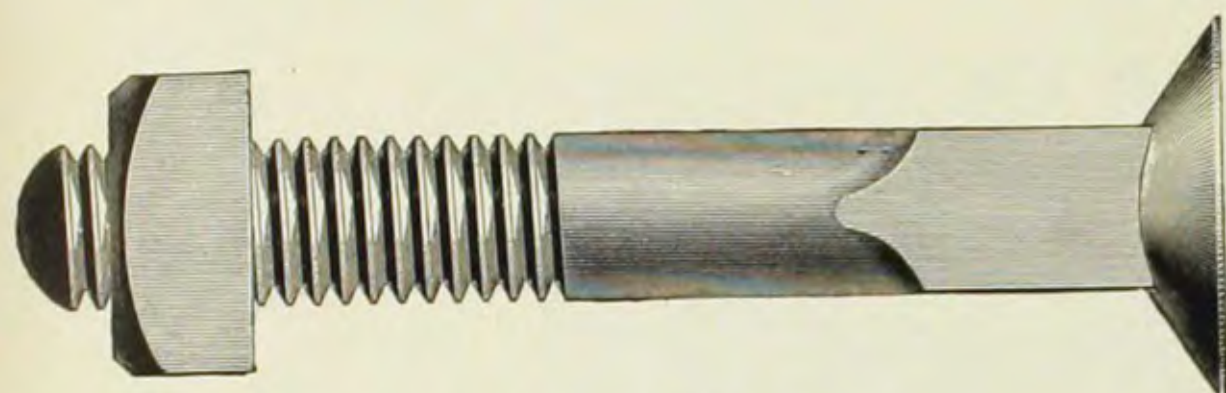
RUSSELL, BURDSALL & WARD'S BOLTS

CARRIAGE

WITH FORGED NUTS



Bevel Head Carriage



Countersunk Carriage

TIRE AND SLEIGH SHOE



Tire



Sleigh Shoe

PER HUNDRED

Length, inches.	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
$1\frac{1}{4}$	\$1.50	1.50	1.90	2.70	
$1\frac{1}{2}$	1.50	1.50	2.00	2.70	
$1\frac{3}{4}$	1.50	1.50	2.15	2.85	
2	1.50	1.60	2.25	3.05	5.00
$2\frac{1}{4}$	1.50	1.65	2.40	3.20	5.20
$2\frac{1}{2}$		1.75	2.50	3.35	5.40
$2\frac{3}{4}$		1.80	2.65	3.50	5.60
3		1.90	2.75	3.65	5.80
$3\frac{1}{4}$		2.00	2.90	3.80	6.00
$3\frac{1}{2}$		2.05	3.00	3.95	6.20
4			3.25	4.25	6.60
5				4.90	7.40
6					8.20

100 in a package.

PLOW

PER HUNDRED

Length, inches, 1, $1\frac{1}{4}$, and $1\frac{1}{2}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$
$1\frac{1}{4}$	\$2.40	2.70	3.60	5.10	6.80	11.00
2	2.45	2.80	3.70	5.25	7.00	11.37
$2\frac{1}{4}$	2.50	2.90	3.70	5.40	7.20	11.63
$2\frac{1}{2}$	2.55	3.00	3.82	5.55	7.40	12.00
$2\frac{3}{4}$	2.60	3.10	3.95	5.70	7.60	12.37
3	2.65	3.20	4.08	5.85	7.80	12.63
$3\frac{1}{4}$	2.70	3.30	4.20	6.00	8.00	13.00
$3\frac{1}{2}$	2.75	3.40	4.32	6.15	8.20	13.38
$3\frac{3}{4}$	2.80	3.50	4.45	6.30	8.40	13.75
4	2.85	3.60	4.58	6.45	8.60	14.12
$4\frac{1}{4}$	2.90	3.70	4.70	6.60	8.80	14.50
$4\frac{1}{2}$	2.95	3.80	4.83	6.75	9.00	14.88
$4\frac{3}{4}$	3.00	3.90	4.95	6.90	9.20	15.25
5	3.05	4.00	5.07	7.05	9.40	15.62
$5\frac{1}{2}$	3.10	4.10	5.20	7.20	9.60	16.00
6	3.20	4.30	5.45	7.50	10.00	16.75
$6\frac{1}{2}$	3.30	4.50	5.70	7.80	10.40	17.50
7	3.40	4.70	5.95	8.10	10.80	18.25
$7\frac{1}{2}$	3.50	4.90	6.20	8.40	11.20	19.00
8	3.60	5.10	6.45	8.70	11.60	19.75
$8\frac{1}{2}$	3.70	5.30	6.70	9.00	12.00	20.50
9	3.80	5.50	6.95	9.30	12.40	21.25
$9\frac{1}{2}$	3.90	5.70	7.20	9.60	12.80	22.00
10	4.00	5.90	7.45	9.90	13.20	22.75
11	4.10	6.10	7.70	10.20	13.60	23.50
12		6.50	8.20	10.80	14.40	25.00
13		6.90	8.70	11.40	15.20	26.50
14			9.20	12.00	16.00	28.00
15			9.70	12.60	16.80	29.50
16			10.20	13.20	17.60	31.00
					18.40	32.50

$\frac{3}{16}$ and $\frac{1}{4}$ inch, 100 in a package; all others, 50.



Rd. Csk.
Short Sq.



Key Head



Plain
Rd. Csk.



Square
Countersink

PER HUNDRED

Length, inches.	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$
$1\frac{1}{4}$	\$1.70	2.00	2.60	3.50	4.50	5.70
$1\frac{1}{2}$	1.80	2.10	2.75	3.70	4.75	6.00
$1\frac{3}{4}$	1.90	2.20	2.90	3.90	5.00	6.30
2	2.00	2.30	3.05	4.10	5.25	6.60
$2\frac{1}{4}$	2.10	2.40	3.20	4.30	5.50	6.90
$2\frac{1}{2}$	2.20	2.50	3.35	4.50	5.75	7.20
$2\frac{3}{4}$	2.30	2.60	3.50	4.70	6.00	7.50
3	2.40	2.70	3.65	4.90	6.25	7.80
$3\frac{1}{4}$		2.80	3.80	5.10	6.50	8.10
$3\frac{1}{2}$		2.90	3.95	5.30	6.75	8.40
$3\frac{3}{4}$		3.00	4.10	5.50	7.00	8.70
4		3.10	4.25	5.70	7.25	9.00

In ordering Plow Bolts, be particular to state style desired, and also the hand. Fifty in a package.

STOVE RODS

Oval or Countersunk Heads, $\frac{1}{4}$ and $\frac{5}{16}$ inch, from 7 up to 60 inches,
" " " " $\frac{3}{16}$ inch,

per pound, \$



COMMON CARRIAGE BOLTS



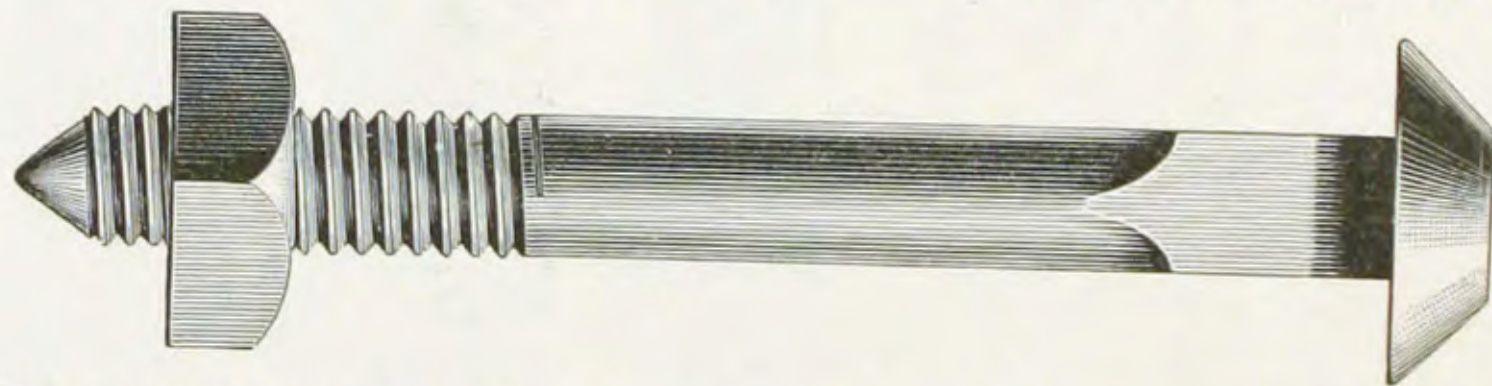
WITH FORGED NUTS, OVAL HEADS, AND FINISHED POINTS

Diameter, inches.

Length, inches, per hundred.

		1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4
3/16	1/4	\$1.00	1.00	1.00	1.04	1.08	1.12	1.16	1.20	1.24	1.28	1.32	1.36	1.40	1.44
		4 1/2	4 3/4	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	11
		\$1.48	1.52	1.56	1.64	1.72	1.80	1.88	1.96	2.04	2.12	2.20	2.28	2.36	2.52
5/16		1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4
		\$1.20	1.20	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75
		\$1.80	1.85	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.10
3/8		1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4
		\$1.50	1.50	1.50	1.57	1.64	1.71	1.78	1.85	1.92	1.99	2.06	2.13	2.20	2.27
		5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	10 1/2	11	12
7/16		\$2.34	2.48	2.62	2.76	2.90	3.04	3.18	3.32	3.46	3.60	3.74	3.88	4.02	4.30
		2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
		\$2.20	2.36	2.52	2.68	2.84	3.00	3.16	3.32	3.48	3.64	3.80	3.96	4.12	4.28
1/2		9	9 1/2	10	10 1/2	11	11 1/2	12	12 1/2	13	13 1/2	14	14 1/2	15	16
		\$4.44	4.60	4.76	4.92	5.08	5.24	5.40	5.56	5.72	5.88	6.04	6.20	6.36	6.68
		2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
		\$3.00	3.00	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20
		9	9 1/2	10	10 1/2	11	11 1/2	12	12 1/2	13	13 1/2	14	14 1/2	15	16
		\$5.40	5.60	5.80	6.00	6.20	6.40	6.60	6.80	7.00	7.20	7.40	7.60	7.80	8.20

PHILADELPHIA EAGLE CARRIAGE BOLTS



WITH FORGED NUTS, TURNED BEVEL HEADS, AND FINISHED POINTS

Diameter, inches.

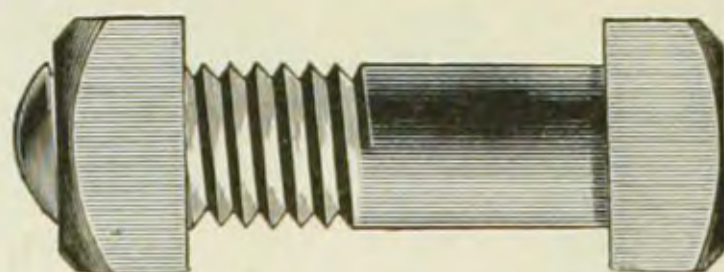
Length, inches, per hundred.

			1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2
1/8	3/16	1/4	\$3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	4.00
			3 3/4	4	4 1/4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8
			\$4.10	4.20	4.35	4.50	4.80	5.10	5.40	5.70	6.00	6.30	6.60
5/16			1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4
			\$4.00	4.00	4.10	4.20	4.40	4.50	4.70	4.90	5.00	5.20	5.30
			\$5.70	6.00	6.30	6.60	7.00	7.30	7.60	7.90	8.20	8.50	9.10
3/8			2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2
			\$5.00	5.20	5.40	5.60	5.80	6.00	6.20	6.40	6.60	6.80	7.00
			\$7.40	7.80	8.20	8.60	9.00	9.40	9.80	10.20	10.60	11.00	11.40
7/16			2	2 1/4	2 1/2	2 3/4	3	3 1/2	4	4 1/2	5	5 1/2	6
			\$7.70	7.90	8.15	8.35	8.55	8.95	9.40	9.80	10.25	10.65	11.05
			\$11.50	11.85	12.35	12.75	13.15	13.60	14.00	14.45	14.85	15.25	16.15
1/2			2	2 1/4	2 1/2	2 3/4	3	3 1/2	4	4 1/2	5	5 1/2	6
			\$10.10	10.35	10.65	10.90	11.20	11.75	12.30	12.90	13.45	14.00	14.55
			\$15.10	15.70	16.25	16.80	17.35	17.90	18.50	19.00	19.60	20.15	21.30

1/8, 3/16, and 1/4 inch, 100 in a package; all others, 50.



MACHINE BOLTS



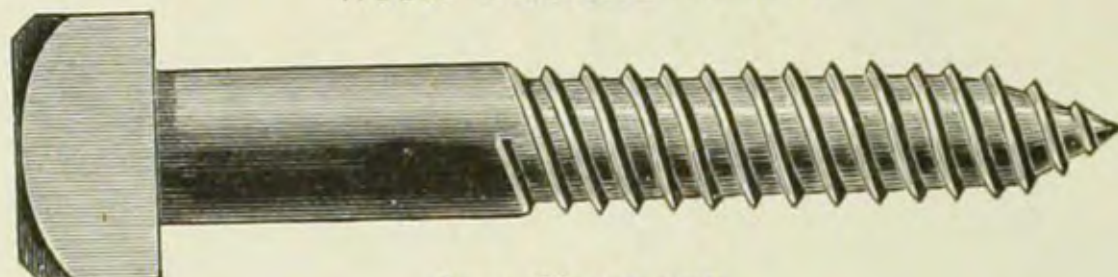
WITH SQUARE HEADS

PER HUNDRED

Length, in.,	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	9	10	11	12
1/4	\$1.70	1.78	1.86	1.94	2.02	2.10	2.18	2.26	2.34	2.42	2.50	2.58	2.66	2.74	2.90	3.06	3.22	3.38
5/16	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00	3.10	3.20	3.30	3.50	3.70	3.90	4.10
3/8	2.40	2.52	2.64	2.76	2.88	3.00	3.12	3.24	3.36	3.48	3.60	3.72	3.84	3.96	4.20	4.44	4.68	4.92
7/16	2.80	2.96	3.12	3.28	3.44	3.60	3.76	3.92	4.08	4.24	4.40	4.56	4.72	4.88	5.20	5.52	5.84	6.16
1/2	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20	6.60	7.00	7.40	7.80
9/16 & 5/8	5.20	5.50	5.80	6.10	6.40	6.70	7.00	7.30	7.60	7.90	8.20	8.50	8.80	9.10	9.70	10.30	10.90	11.50
3/4	7.20	7.64	8.08	8.52	8.96	9.40	9.84	10.28	10.72	11.16	11.60	12.04	12.48	12.92	13.80	14.68	15.56	16.44
7/8	10.00	10.60	11.20	11.80	12.40	13.00	13.60	14.20	14.80	15.40	16.00	16.60	17.20	17.80	19.00	20.20	21.40	22.60

GIMLET POINT COACH SCREWS

WITH SQUARE HEADS

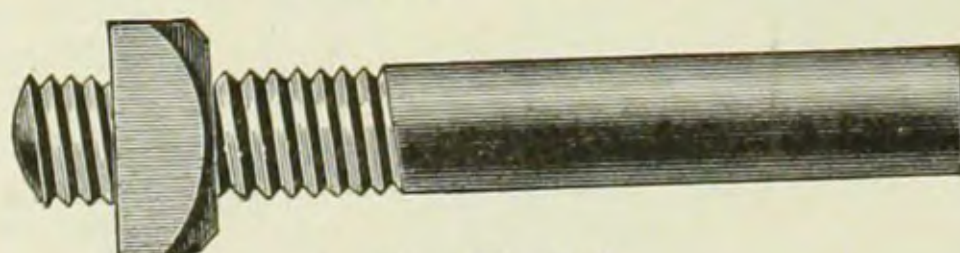


PER HUNDRED

Length, in.,	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	9	10	11	12
Diam., in.,																		
5/16	\$2.25	2.40	2.55	2.70	2.85	3.00	3.15	3.30	3.45	3.60								
3/8	2.70	2.88	3.06	3.24	3.42	3.60	3.78	3.96	4.14	4.32								
7/16	3.15	3.39	3.63	3.87	4.11	4.35	4.59	4.83	5.07	5.31	5.55	5.79	6.03	6.27	6.75			
1/2	3.75	4.05	4.35	4.65	4.95	5.25	5.55	5.85	6.15	6.45	6.75	7.05	7.35	7.65	8.25	8.85	9.45	10.05
9/16 & 5/8		4.95	5.40	5.85	6.30	6.75	7.20	7.65	8.10	8.55	9.00	9.45	9.90	10.35	11.25	12.15	13.05	13.95
3/4			7.92	8.58	9.24	9.90	10.56	11.22	11.88	12.54	13.20	13.86	14.52	15.18	16.50	17.82	19.14	20.46
7/8				12.30	13.20	14.10	15.00	15.90	16.80	17.70	18.60	19.50	20.40	21.30	23.10	24.90	26.70	28.50
1					18.60	19.80	21.00	22.20	23.40	24.60	25.80	27.00	28.20	29.40	31.80	34.20	36.60	39.00

BOLT ENDS

FITTED WITH SQUARE NUTS



PER POUND

Diameter, inches,	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8	2
Length, "	6	7	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Per pound,	\$0.20	.18	.16	.14	.12	.10	.10	.10	.10	.11	.11	.11	.12	.12	.12	.12

With Hexagon Nuts, 10 per cent. extra. Bolt Ends ordered shorter than above Standard lengths will be charged at the price per hundred of Machine Bolts of same length, subject to same discount.

DIAMOND EXPANSION BOLTS AND SHIELDS

SQUARE HEADS, WITH SHIELDS

PER HUNDRED

PATENTED JANUARY 12, 1897



Inches,	4	5	6	7	8
3/8	\$13.00	13.90	14.10		
1/2	20.00	20.60	20.90	21.20	
5/8	25.00	26.00	27.00	28.00	
3/4		34.00	35.00	36.00	37.00

Hexagon Heads, add 10 per cent.
Twenty-five in a package.

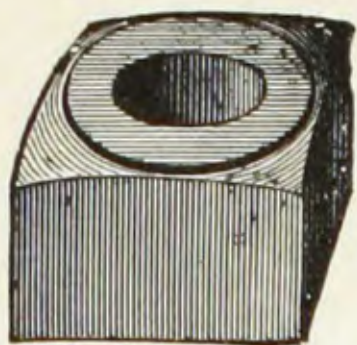
Net allowance
for Screws when
Shields only are
ordered.

\$0.50
.75
1.00
1.25

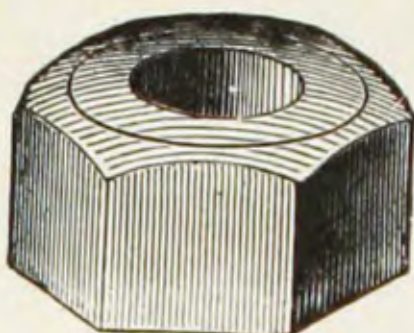


SQUARE NUTS

HOT PRESSED



Square

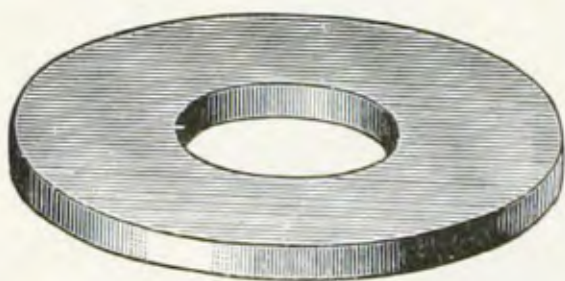


Hexagon

Size of Bolt.	Diameter of Hole.	Size, Square.	Thickness.	Square, Per pound.	Hexagon, Per pound.
$\frac{1}{4}$	$\frac{7}{32}$	$\frac{1}{2}$	$\frac{1}{4}$	\$0.13	\$0.20
$\frac{5}{16}$	$\frac{9}{32}$	$\frac{5}{8}$	$\frac{5}{16}$	.11 $\frac{1}{2}$	.16
$\frac{3}{8}$	$\frac{11}{32}$	$\frac{3}{4}$	$\frac{3}{8}$	.10	.13
$\frac{7}{16}$	$\frac{13}{32}$	$\frac{7}{8}$	$\frac{7}{16}$	.09 $\frac{2}{10}$	.11 $\frac{4}{10}$
$\frac{1}{2}$	$\frac{1}{2}$	1	$\frac{1}{2}$	.08 $\frac{7}{10}$	.10 $\frac{1}{2}$
$\frac{9}{16}$	$\frac{1}{2}$	$1\frac{1}{8}$	$\frac{9}{16}$	.08 $\frac{6}{10}$	.10 $\frac{4}{10}$
$\frac{5}{8}$	$\frac{9}{16}$	$1\frac{1}{4}$	$\frac{5}{8}$	.08 $\frac{1}{2}$	.10 $\frac{1}{10}$
$\frac{3}{4}$	$\frac{21}{32}$	$1\frac{1}{2}$	$\frac{3}{4}$	.08 $\frac{4}{10}$	.09 $\frac{9}{10}$
$\frac{7}{8}$	$\frac{25}{32}$	$1\frac{3}{4}$	$\frac{7}{8}$	.08 $\frac{3}{10}$	.09 $\frac{8}{10}$
1	$\frac{7}{8}$	2	1	.08 $\frac{2}{10}$	.09 $\frac{7}{10}$
$1\frac{1}{8}$	$\frac{15}{16}$	$2\frac{1}{4}$	$1\frac{1}{8}$	.08 $\frac{1}{10}$	.09 $\frac{1}{10}$
$1\frac{1}{4}$	$1\frac{1}{16}$	$2\frac{1}{2}$	$1\frac{1}{4}$	.08 $\frac{3}{10}$	.09 $\frac{8}{10}$
$1\frac{3}{8}$	$1\frac{3}{16}$	$2\frac{3}{4}$	$1\frac{3}{8}$	.08 $\frac{1}{2}$	.10
$1\frac{1}{2}$	$1\frac{5}{16}$	3	$1\frac{1}{2}$	.08 $\frac{7}{10}$	.10 $\frac{2}{10}$
$1\frac{5}{8}$	$1\frac{7}{16}$	$3\frac{1}{4}$	$1\frac{5}{8}$	.08 $\frac{1}{10}$	.10 $\frac{1}{10}$
$1\frac{3}{4}$	$1\frac{9}{16}$	$3\frac{1}{2}$	$1\frac{3}{4}$	.09 $\frac{2}{10}$	.10 $\frac{7}{10}$
$1\frac{7}{8}$	$1\frac{11}{16}$	$3\frac{3}{4}$	$1\frac{7}{8}$	.09 $\frac{4}{10}$	.10 $\frac{9}{10}$
2	$1\frac{13}{16}$	4	2	.09 $\frac{6}{10}$	.11 $\frac{1}{10}$

In 5 and 10 pound boxes, or 200 pounds in a keg.

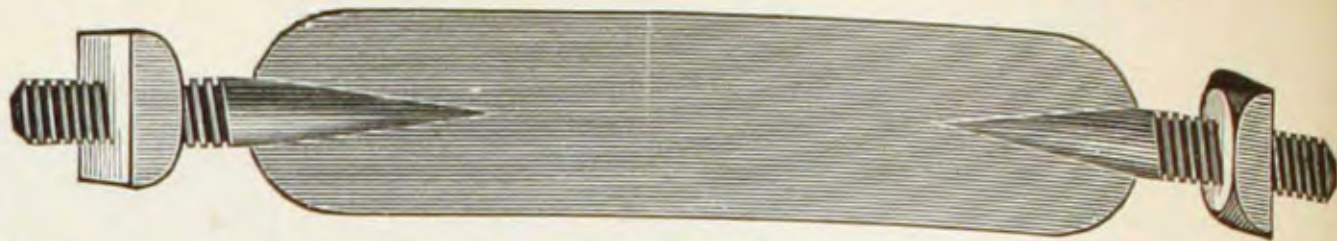
IRON WASHERS



Size of Bolt.	Size of Hole.	Diameter.	Thickness of Gauge.	Per pound.
$\frac{3}{16}$	$\frac{1}{4}$	$\frac{9}{16}$	No. 18	\$0.18
$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{4}$	16	.12 $\frac{1}{2}$
$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	16	.11 $\frac{1}{2}$
$\frac{3}{8}$	$\frac{7}{16}$	1	14	.10 $\frac{1}{2}$
$\frac{7}{16}$	$\frac{1}{2}$	$1\frac{1}{4}$	14	.09 $\frac{1}{2}$
$\frac{1}{2}$	$\frac{9}{16}$	$1\frac{3}{8}$	12	.09
$\frac{9}{16}$	$\frac{5}{8}$	$1\frac{1}{2}$	12	.08 $\frac{1}{2}$
$\frac{5}{8}$	$\frac{11}{16}$	$1\frac{3}{4}$	10	.08 $\frac{1}{2}$
$\frac{3}{4}$	$\frac{13}{16}$	2	10	.08 $\frac{1}{2}$
$\frac{7}{8}$	$\frac{15}{16}$	$2\frac{1}{4}$	9	.08 $\frac{1}{2}$
1	$1\frac{1}{16}$	$2\frac{1}{2}$	9	.08 $\frac{1}{2}$
$1\frac{1}{8}$	$1\frac{1}{4}$	$2\frac{3}{4}$	9	.08 $\frac{1}{2}$
$1\frac{1}{4}$	$1\frac{3}{8}$	$2\frac{3}{4}$	9	.08 $\frac{1}{2}$
$1\frac{3}{8}$	$1\frac{1}{2}$	$3\frac{1}{4}$	8	.09

In 5 and 10 pound boxes, or 200 pounds in a keg.
In ordering, state size of Bolt wanted.

SUPERIOR AXLE CLIPS

 $\frac{5}{16}$ inch Shank, Flat Part $\frac{7}{8}$ inches Wide.

Nos.	0	1	2	3	4	5	6
Center, inches,	$2\frac{3}{4}$	$3\frac{1}{4}$	$3\frac{3}{4}$	$4\frac{1}{4}$	$4\frac{3}{4}$	$5\frac{1}{4}$	6
Per dozen,	\$0.70	.70	.75	.80	.95	1.10	1.25

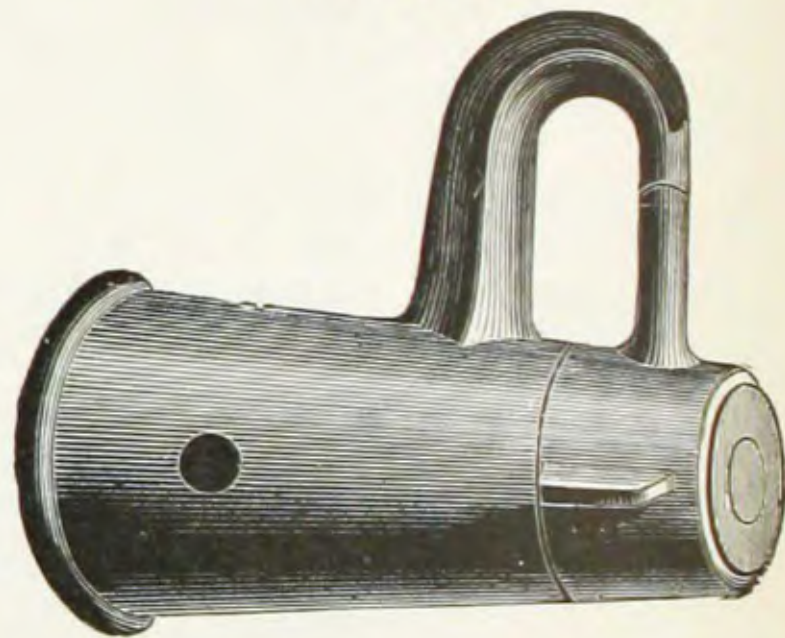
Four dozen in a box.

WROUGHT IRON FELLOE PLATES



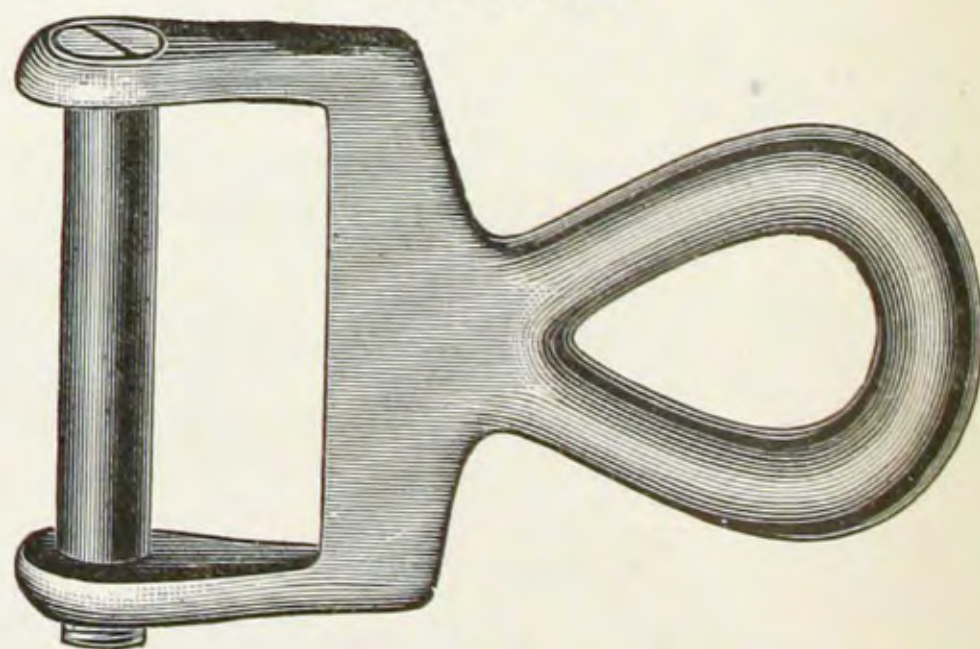
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2
Per pound,									\$0.10

Ten pounds in a box.

PATENT WHIFFLETREE HOOKS
JAPANNED

Nos.	1	2	3	4	5	6
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen pairs,	\$5.00	5.00	5.75	6.50	7.50	8.50

Half dozen pairs in a package.

MALLEABLE COCKEYES
JAPANNED

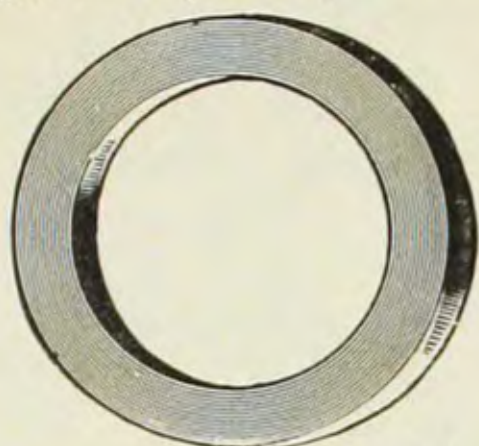
No.	1	2	4	6
Size, $1\frac{1}{4}$ inches, heavy, Screwed,				
per dozen,	\$0.38	.44	.54	.68

Two dozen in a box.



LEATHER AXLE WASHERS

Cut from Pure Oak Tanned Leather, each Washer pressed and made perfectly round.



Packed 5 sets in a box, each box containing 20 Collar and 20 Nut Washers.

For Axles, inches, $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$
Per box, \$0.70 .80 .90 1.00 1.10

The above is the most convenient way to purchase these goods. We can supply Collar and Nut Washers separately, as per list annexed.

NUT				COLLAR			
Size of Axle, in.	No.	In-side, in.	Out-side, in.	Per 100.	No.	In-side, in.	Out-side, in.
$\frac{3}{4}$	1	$\frac{3}{4}$	1	\$1.75	41	$1\frac{1}{8}$	$1\frac{1}{4}$
$\frac{7}{8}$	27	$\frac{7}{8}$	$1\frac{1}{8}$	1.75	67	$1\frac{1}{8}$	$1\frac{3}{8}$
1	41	$1\frac{1}{8}$	$1\frac{1}{4}$	1.75	81	$1\frac{1}{8}$	$1\frac{1}{2}$
$1\frac{1}{8}$	67	$1\frac{1}{8}$	$1\frac{3}{8}$	2.25	121	$1\frac{5}{8}$	$1\frac{3}{4}$
$1\frac{1}{4}$	94	$1\frac{3}{8}$	$1\frac{9}{8}$	2.50	147	$1\frac{7}{8}$	$1\frac{7}{8}$

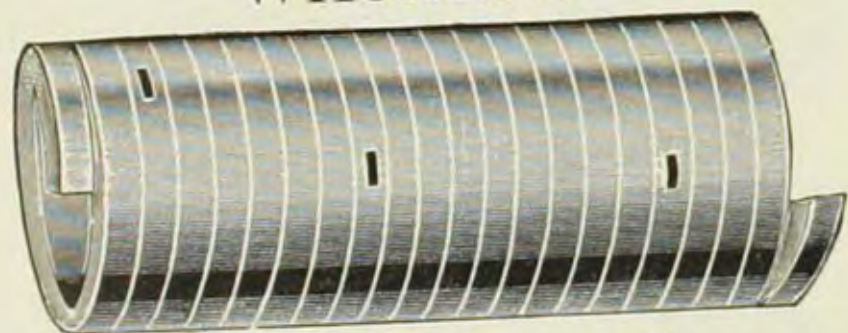
50 in a box.

AXLE WASHER RACKS

Each Rack contains 500 Washers.

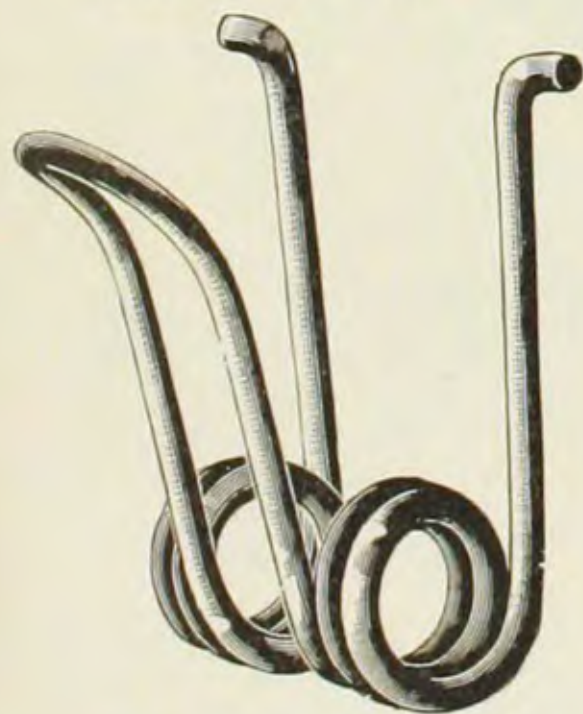
Assorted, from $\frac{3}{4}$ to $1\frac{1}{4}$ inches, each, \$4.00

PATENT ADJUSTABLE COIL AXLE WASHERS



Size, inches, $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$
Per 100, \$0.90 1.00 1.10 1.20
100 in a box, in 5 coils.

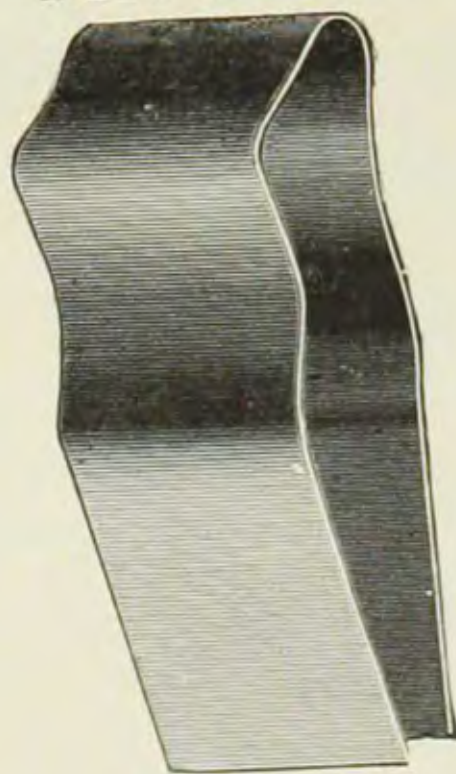
GEM WIRE ANTI-RATTLERS



SPRING STEEL WIRE

Per gross, pairs, \$6.00
One dozen pairs in a box.

STEEL DRIVE ANTI-RATTLERS



SPRING STEEL

When in place, the points press together, thus getting the elasticity from both the bend and the points.

Per gross, pairs, \$8.00
One dozen pairs in a box.

HAME STAPLES

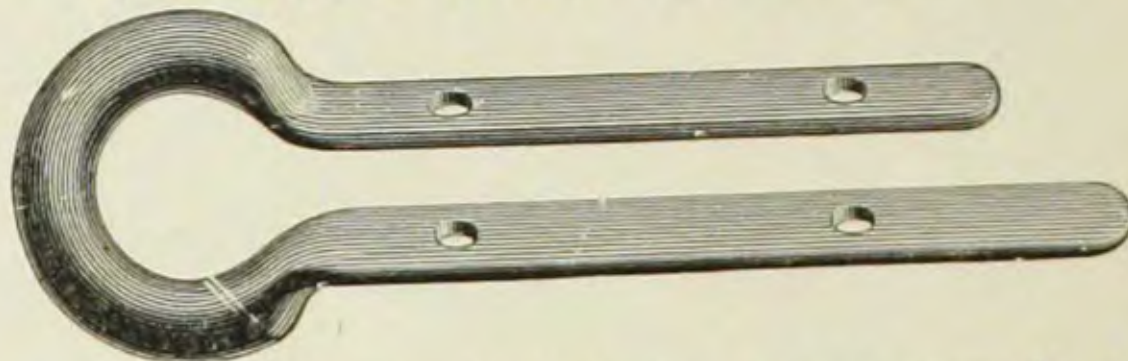
903



WITH BURS

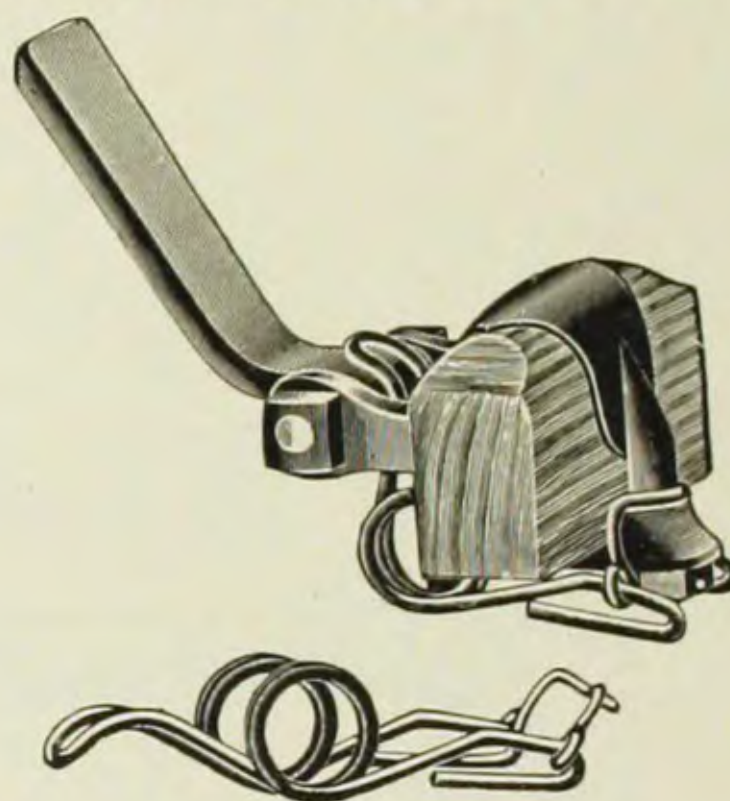
No. 960 $\frac{3}{8}$ inch, Polished, per dozen, \$0.20
Three dozen in a box.

WROUGHT IRON HAME CLIPS



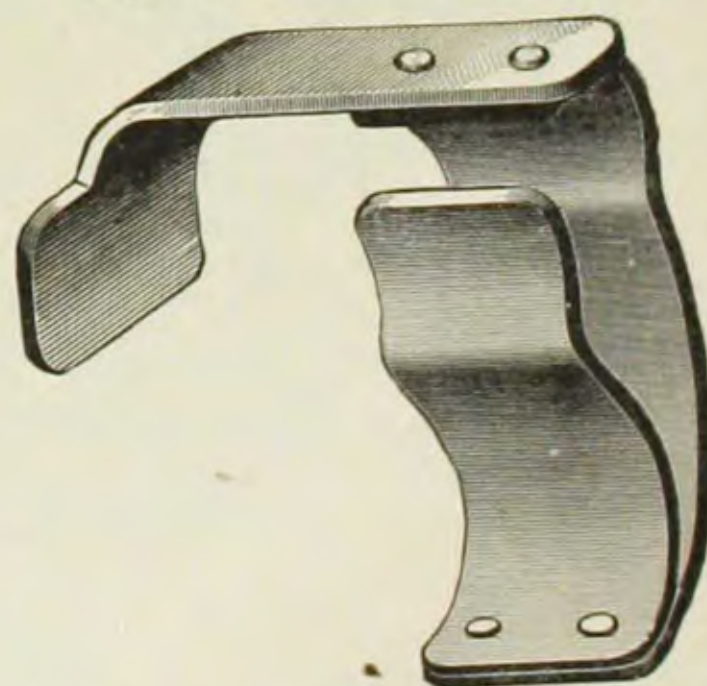
No. 982 $\frac{3}{8}$ inch, Polished, per dozen, \$0.24
Two dozen in a box.

FERNALD ANTI-RATTLERS



Per gross, pairs, \$15.00
One dozen pairs in a box.

BURTON'S ANTI-RATTLERS



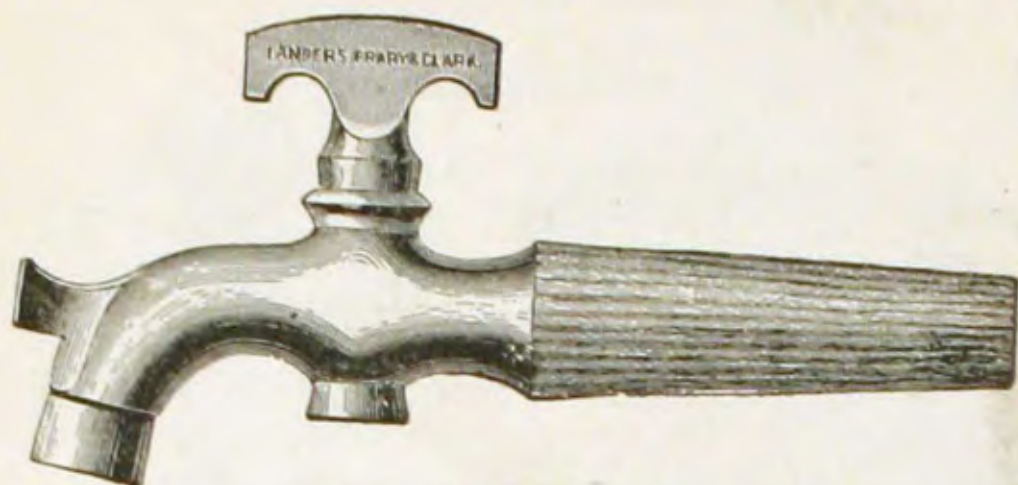
They are quickly and easily inserted or removed, by placing in position and driving in or out with a hammer, it not being necessary to remove the bolt or shaft.

Per gross, pairs.

No. 1 Anti-Rattler and Bolt Holder, \$22.00
No. 2 Anti-Rattler, 18.00
One dozen pairs in a box.



BRASS RACKING COCKS



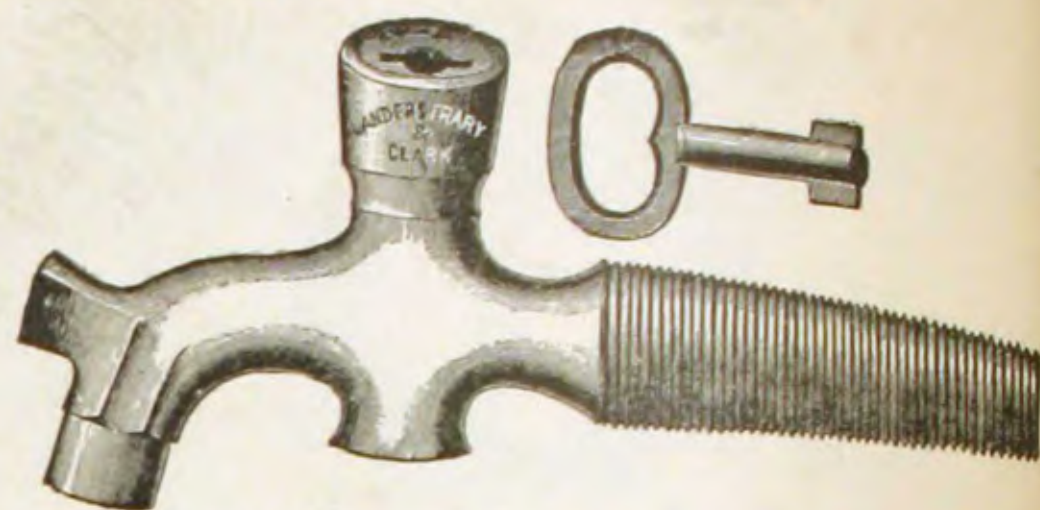
FAST KEY, TO DRIVE

Nos.	10	10½	11	11½	12
Size, inches,	¼	⅝	⅜	⅞	½
Per dozen,	\$5.00	6.00	7.50	9.00	10.00
Nos.	12½	13	14	15	16
Size, inches,	⅞	⅝	¾	⅞	1
Per dozen,	\$12.50	14.50	17.00	23.00	30.00

FAST KEY, TO SCREW

Nos.	20	20½	21	21½	22
Size, inches,	¼	⅝	⅜	⅞	½
Per dozen,	\$5.50	6.50	8.00	10.00	11.00
Nos.	22½	23	24	25	26
Size, inches,	⅞	⅝	¾	⅞	1
Per dozen,	\$14.00	16.00	19.00	25.00	32.50

Up to ½ inch, one dozen in a box; others, half dozen.



LOOSE KEY, TO DRIVE

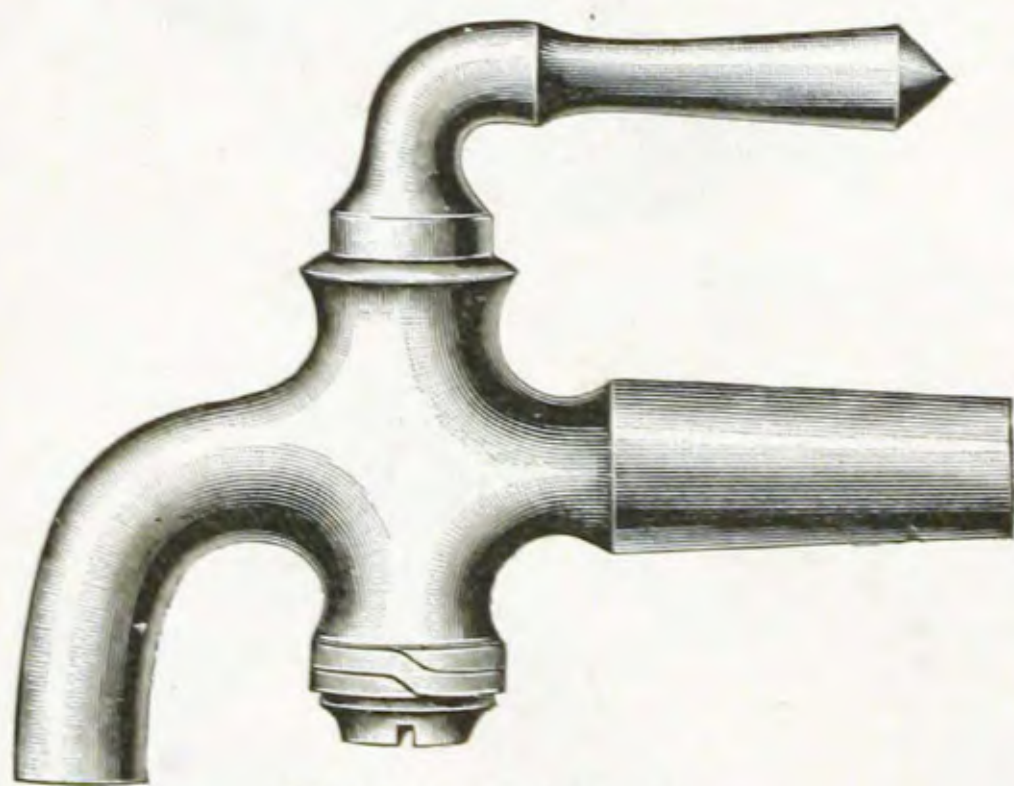
Nos.	29	30	30½	31
Size, inches,	¼	⅜	⅞	½
Per dozen,	\$6.50	8.50	10.00	12.00
Nos.	32	33	34	34
Size, inches,	⅝	¾	⅞	⅞
Per dozen,	\$16.50	20.00	27.00	27.00

LOOSE KEY, TO SCREW

Nos.	39	40	40½	41
Size, inches,	¼	⅜	⅞	½
Per dozen,	\$7.00	9.00	11.00	13.00
Nos.	42	43	44	44
Size, inches,	⅝	¾	⅞	⅞
Per dozen,	\$18.00	22.00	30.00	30.00

Up to ½ inch, one dozen in a box; others, half dozen.

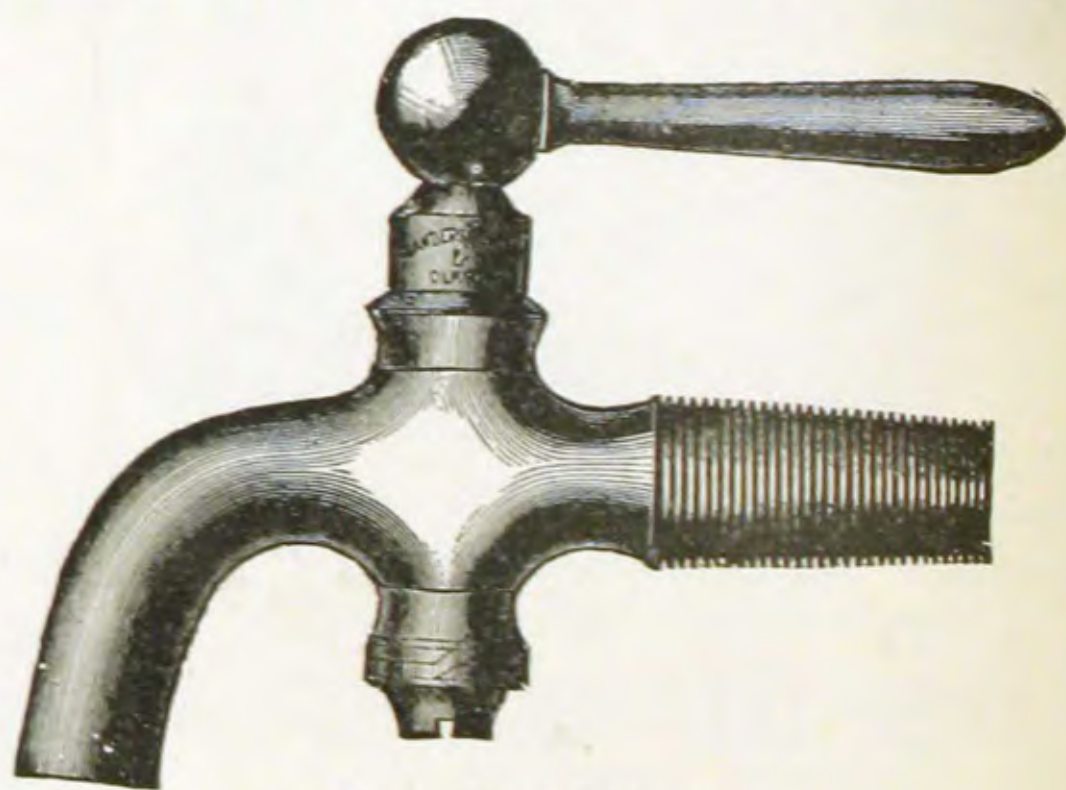
PLAIN BIBBS, FINISHED



TINNED SHANK

No. 230	¼ inch,		
No. 231	⅜ "		
No. 232	½ "		
No. 233	⅝ "		
No. 234	¾ "		
No. 235	1 "		
		per dozen,	\$8.00
		" "	10.00
		" "	13.00
		" "	16.50
		" "	22.00
		" "	34.00

Half dozen in a box.



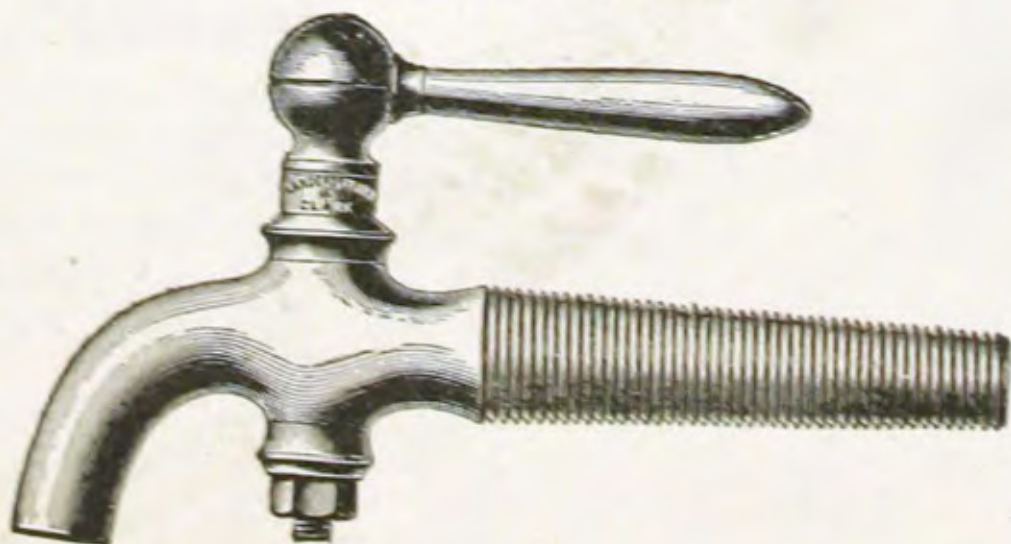
TINNED SHANK

Nos.	220	221	222	223	224	225
Size, inches,	¼	⅜	½	⅝	¾	1
Per dozen,	\$10.00	12.00	15.00	18.00	24.00	36.00

SCREW SHANK

Nos.	260	261	262	263	264	265
Size, inches,	¼	⅜	½	⅝	¾	1
Per dozen,	\$11.00	13.50	17.00	20.00	27.00	41.00

Half dozen in a box.



BRASS LIQUOR COCKS

TO DRIVE

No.	100	101	102	103
Size, inches,	⅜	½	⅝	¾

Per dozen,

\$12.00	14.00	17.00	24.00
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Half dozen in a box.

TO SCREW

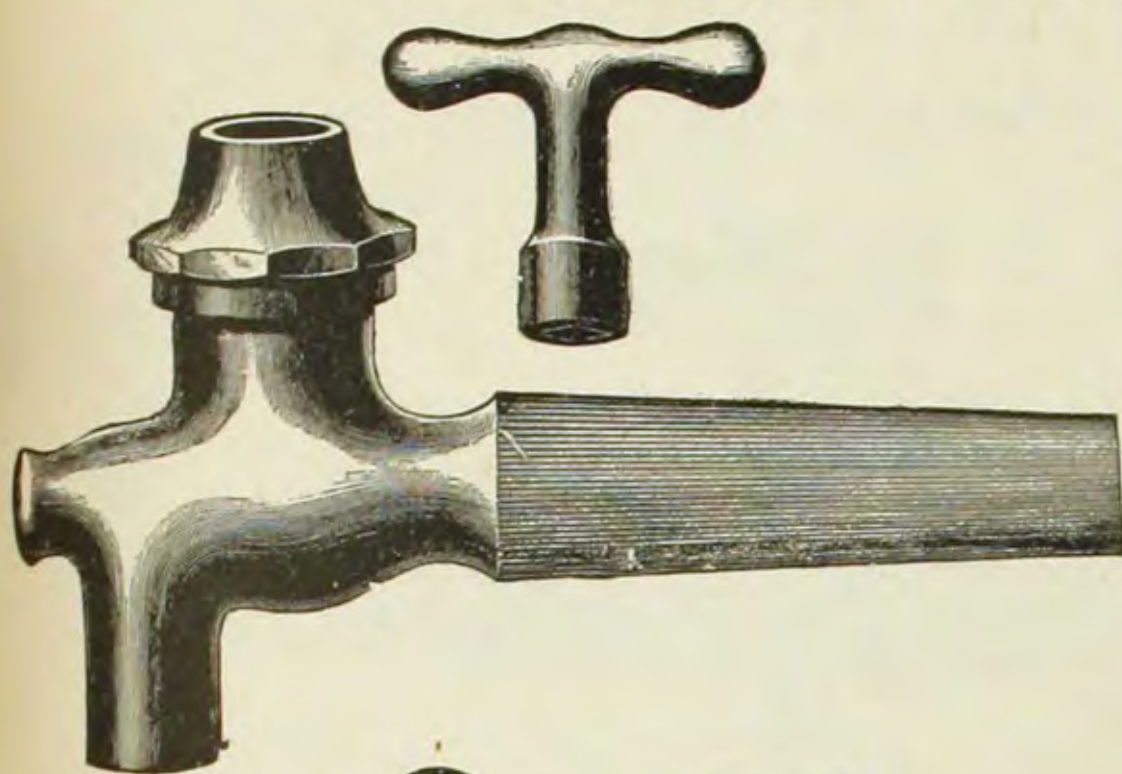
No.	110	111	112	113
Size, inches,	⅜	½	⅝	¾

Per dozen,

\$12.50	15.00	18.50	26.00
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COMPRESSION LOCK COCKS



TO DRIVE

No. 530	3/8 inch,	per dozen, \$12.00
No. 531	1/2 " "	" " 14.00
No. 532	5/8 " "	" " 18.00
No. 533	3/4 " "	" " 24.00

TO SCREW

No. 540	3/8 inch,	per dozen, \$12.50
No. 541	1/2 " "	" " 15.00
No. 542	5/8 " "	" " 19.50
No. 543	3/4 " "	" " 26.00

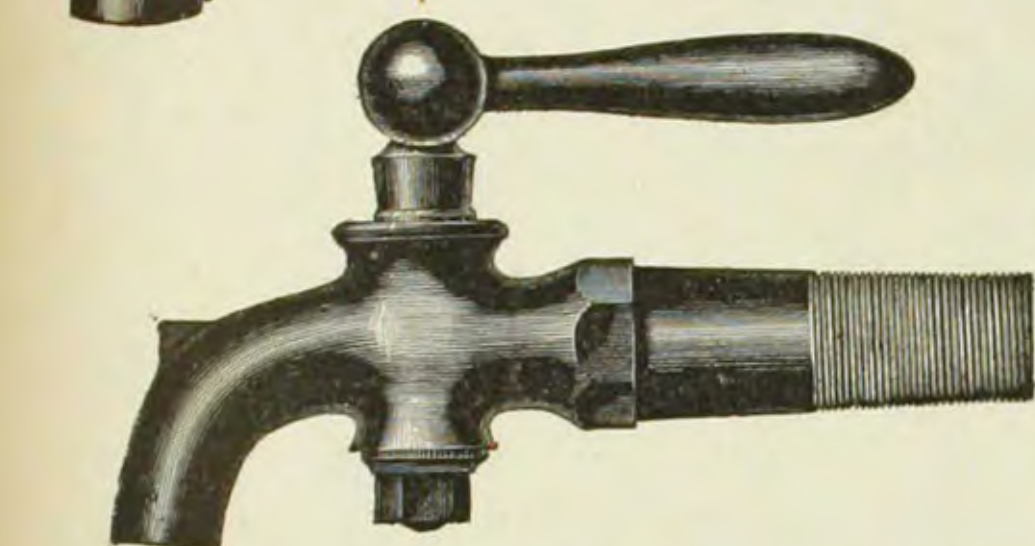
Half dozen in a box.

FRARY'S PATENT PETROLEUM OIL FAUCETS

MADE FROM IRON. SOLID BRASS KEYS
WARRANTED. JAPANNED, WITH SCREW SHANK

Nos.	3	13	4	14	5	6	7
Size, in.,	3/8	3/8	1/2	1/2	5/8	3/4	1
Per doz.,	\$6.00	6.75	7.50	8.25	9.00	10.50	12.00

Nos. 3 and 4 are T Handle; all others, Lever Handle.
Nos. 3 and 4, one dozen in a box; others, half dozen.



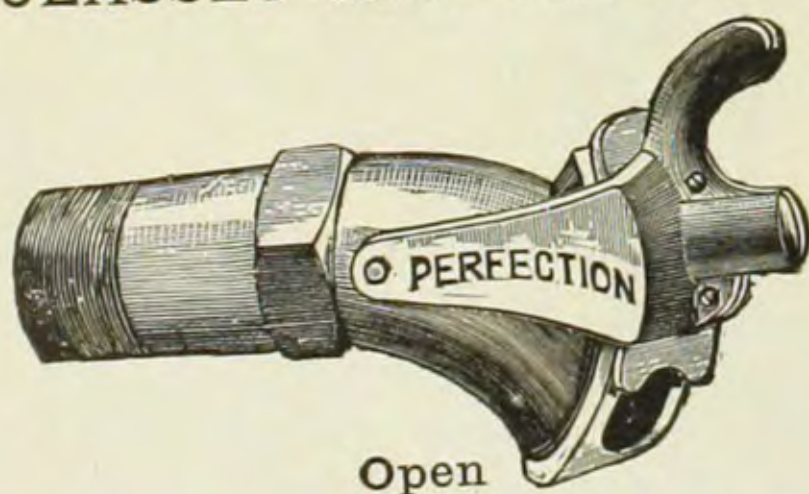
STEBBINS' PATTERNS MOLASSES AND OIL GATES

SCREW SHANK

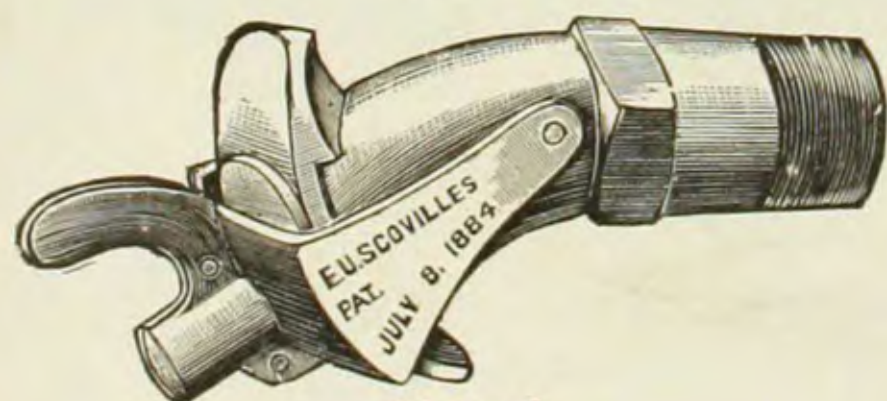
Nos.	1	2	3	4	5
Inside diam., inches,	1 3/8	7/8	1 1/4	1 3/8	1 1/2
Per dozen, \$	7.00	8.00	9.00	10.00	12.00

Half dozen in a box.

SCOVILLE'S PATENT PERFECTION MOLASSES AND OIL GATES



Open

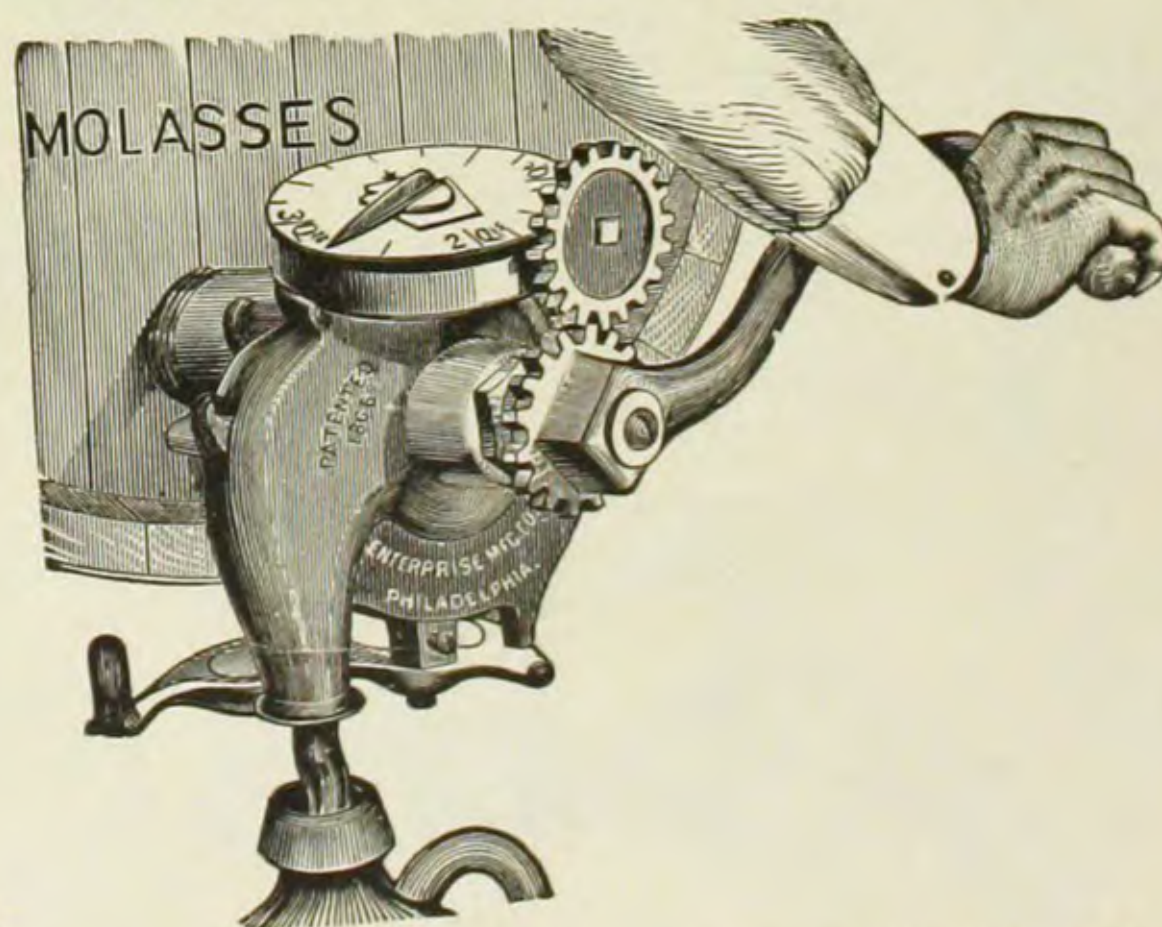


Closed

Inside diam., inches,	1/2	3/4	1	1 1/4
Per dozen,	\$9.50	12.00	14.00	16.50
Inside diam., inches,	1 1/2	2	3	
Per dozen,	\$20.00	28.00	36.00	

1/2 to 1 1/2 inches, half dozen in a box; 2 and 3 inches, one-sixth dozen.

ENTERPRISE PATENT SELF-MEASURING FAUCETS



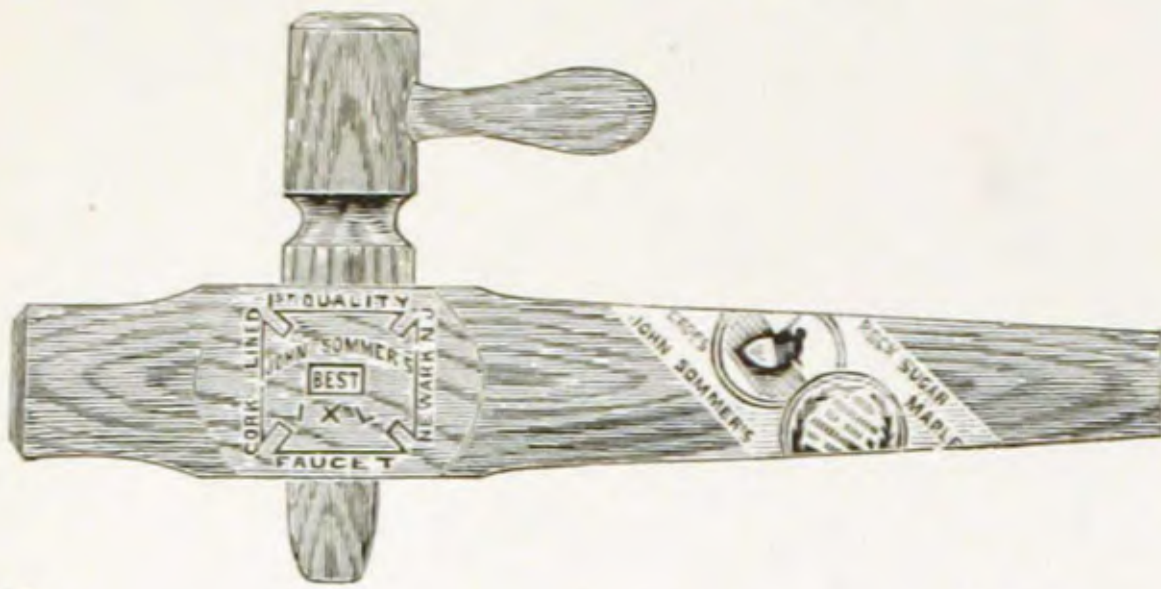
FOR MOLASSES, THICK OILS, VARNISHES, ETC.

Tinned, per dozen, \$36.00
One dozen in a case.



SOMMER'S FIRST QUALITY I X L CORK-LINED WOOD FAUCETS

SELECTED ROCK SUGAR MAPLE, BOILED
IN PURE LINSEED OIL



No.						Per dozen.
0	6 inch,	36	dozen	in	barrel,	\$0.75
2	7 "	25	"	"	"	.75
4	8 "	20	"	"	"	1.00
6	9 "	15	"	"	"	1.25
8	10 "	12	"	"	"	1.50

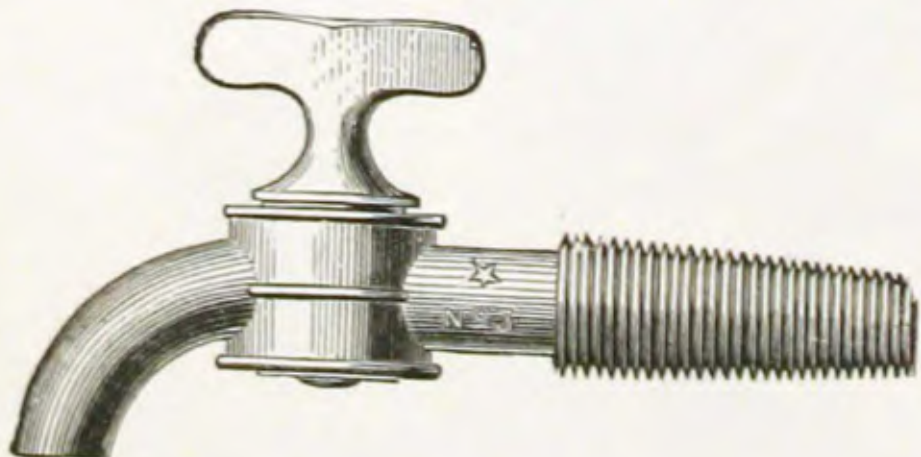
LARGER SIZES

No.						Per dozen.
8 1/2	12 inch,					\$2.00
9	18 "	for	Lager	Ice	Boxes,	3.25
9 1/2	24 "	"	"	"	" extra long,	4.00
10	14 "	3/4	in.	bore	or discharge,	4.25
11	15 "	1	"	"	" for Hhds.,	5.00

COMMON CORK-LINED WOOD FAUCETS

No.						Per dozen.
0	6 inch,	50	dozen	in	barrel,	\$0.75
2	7 "	35	"	"	"	.75
4	8 "	28	"	"	"	1.00
6	9 "	20	"	"	"	1.25
8	10 "	15	"	"	"	1.50

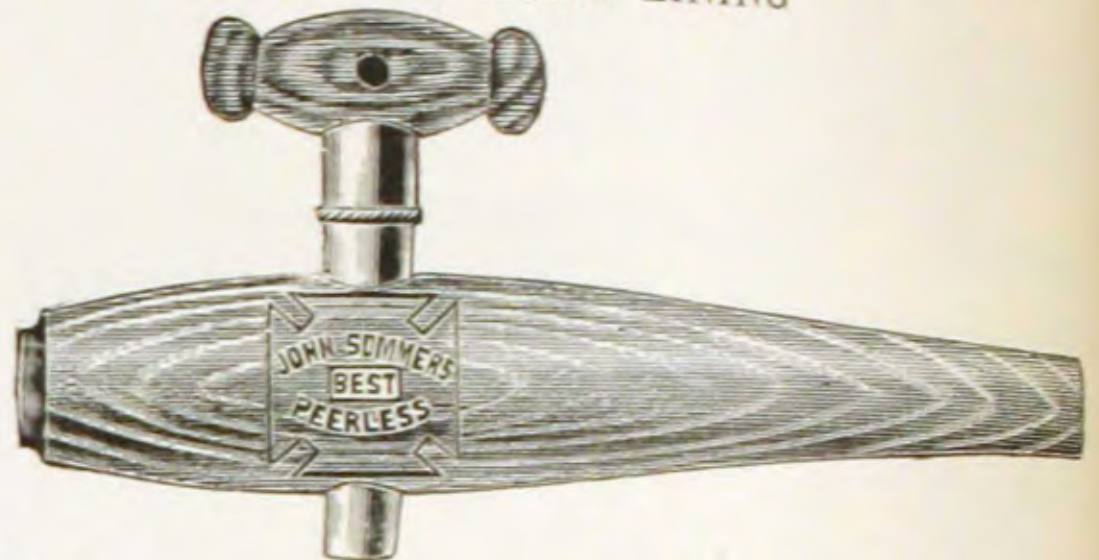
PATENT STAR FAUCETS



Nos.	1	2	3	4	5
Per dozen,	\$2.50	3.75	5.00	7.00	10.00
	Half dozen in a box.				

SOMMER'S PEERLESS BLOCK TIN KEY FAUCETS

MAPLEWOOD BODY, HIGHLY POLISHED WITH
LEATHER LINING



Nos.	0	0 1/2	1	2
Size, inches,	7	8	9	12
Per dozen,	\$3.50	4.00	4.50	5.00
Nos.	3	4	5	6
Size, inches,	15	18	21	24
Per dozen,	\$6.00	7.50	8.50	9.50

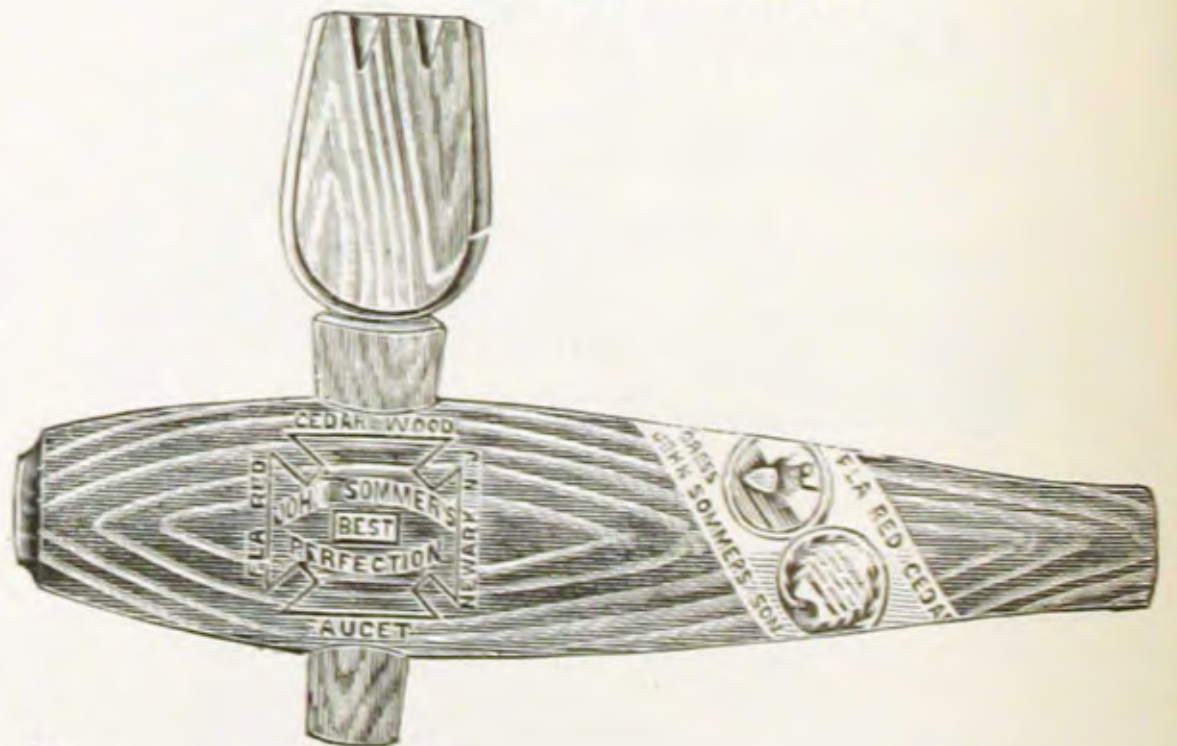
Nos. 0 to 2, one dozen in a box; others, loose.

METALLIC KEY FAUCETS

Nos.	0	1	2	3	4
Size, inches,	7	9	12	15	18
Per dozen,	\$3.50	4.50	5.00	6.00	7.50

SOMMER'S PERFECTION RED CEDAR FAUCETS

FIRST QUALITY, WARRANTED OF BEST SELECTED
FLORIDA RED CEDAR



Nos.	1	2	3	4
Size, inches,	7	8	9	10
Per dozen,	\$0.90	1.00	1.25	1.50

One dozen in a box.

COMMON RED CEDAR WOOD FAUCETS

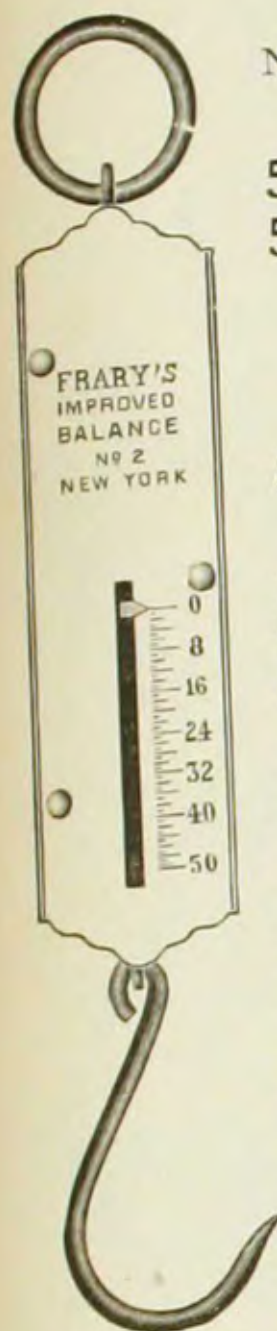
Nos.	1	2	3	4
Size, inches,	7	8	9	10
Per dozen,	\$0.90	1.00	1.25	1.50



LIGHT SPRING BALANCES

BRASS FRONTS

Series A



No. 51

WITH HOOKS

No.		Per dozen.
3	25 lbs., by $\frac{1}{2}$ lb.,	\$1.50
50	25 " " $\frac{1}{2}$ "	1.60
51	50 " " 1 "	3.50

WITH ROUND PANS

No.		Per dozen.
52	25 lbs., by $\frac{1}{2}$ lb.,	\$4.00
53	50 " " 1 "	7.00

Nos. 3 and 50, one dozen in a box; others, half dozen.

STRAIGHT SPRING BALANCES

BRASS FRONTS, HEAVY

Series A

WITH HOOKS

No.		Per dozen.
80	12 lbs., by $\frac{1}{4}$ lb.,	\$4.00
81	25 " " $\frac{1}{2}$ "	4.00
82	30 " " $\frac{1}{2}$ "	5.00
83	40 " " $\frac{1}{2}$ "	18.00
84	50 " " 1 "	10.00
86	80 " " 1 "	24.00
87	100 " " 1 "	42.00
88	125 " " 1 "	48.00
88A	150 " " 1 "	60.00

Nos. 80 to 83, half dozen in a box; others, quarter dozen.

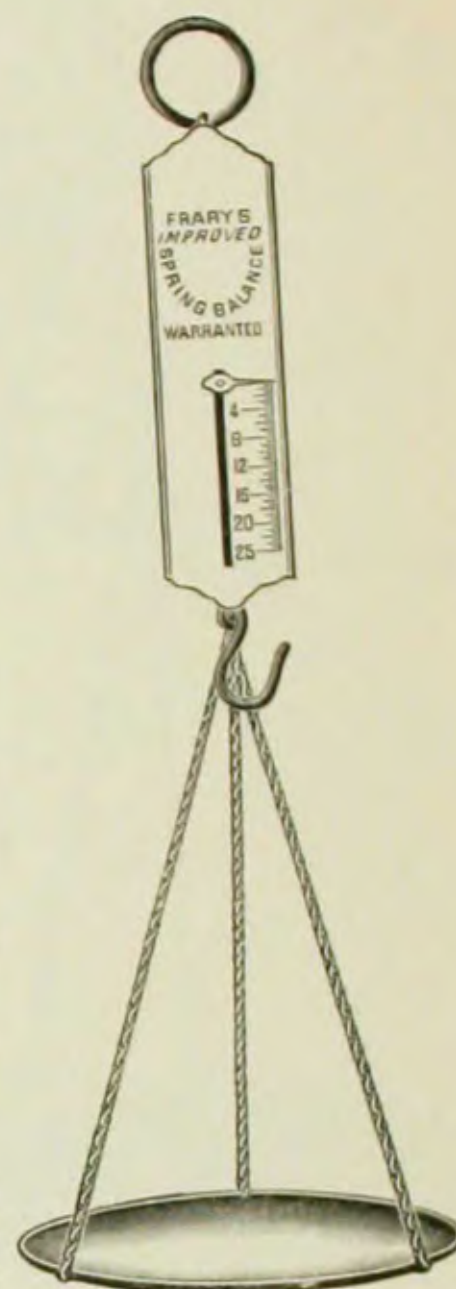
WITH ROUND PANS

No.		Per dozen.
90	12 lbs., by $\frac{1}{4}$ lb.,	\$7.00
91	25 " " $\frac{1}{2}$ "	7.00
92	30 " " $\frac{1}{2}$ "	8.50
93	40 " " $\frac{1}{2}$ "	28.00
94	50 " " 1 "	20.00
96	80 " " 1 "	36.00
97	100 " " 1 "	60.00
98	125 " " 1 "	80.00

WITH SQUARE PANS

No.		Per dozen.
115	80 lbs., by 1 lb.,	\$40.00
116	100 " " 1 "	72.00
117	125 " " 1 "	84.00

Nos. 90 to 92, half dozen in a box; others, quarter dozen.

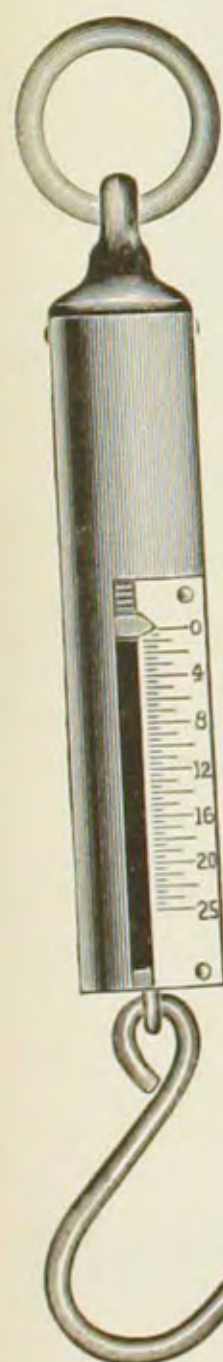


No. 91

ROUND SPRING BALANCES

WITH HOOKS

Series A



No. 70

No.		Per dozen.
70	25 pounds by $\frac{1}{2}$ pound, barrel 5 inches long,	\$4.00
273	50 " " $\frac{1}{2}$ " " 8 $\frac{1}{2}$ " "	18.00

WITH ROUND PANS

No.		Per dozen.
71	25 pounds by $\frac{1}{2}$ pound,	\$7.00
274	50 " " $\frac{1}{2}$ "	28.00

WITH SCOOPS

No.		Per dozen.
72	25 pounds by $\frac{1}{2}$ pound,	\$12.00
275	50 " " $\frac{1}{2}$ "	36.00

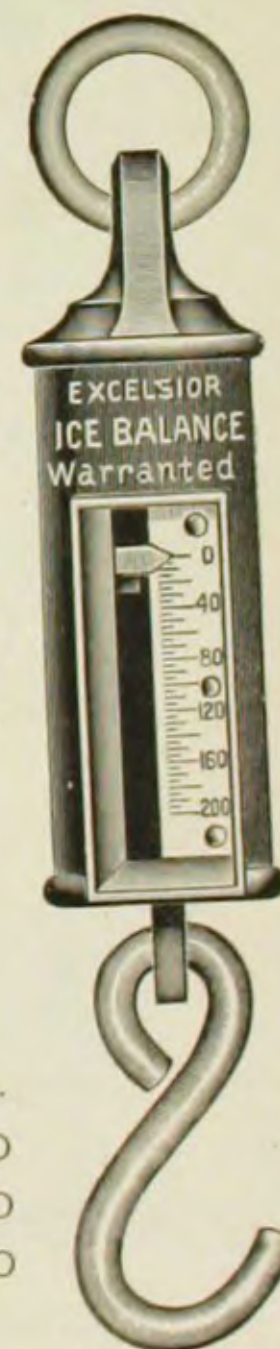
Nos. 70, 71, and 72, half dozen in a box; others, quarter dozen.

IRON-CLAD ICE BALANCES

Series B

No.		Per dozen.
302	200 pounds by 5 pounds,	\$60.00
303	300 " " 5 "	72.00
304	400 " " 5 "	84.00

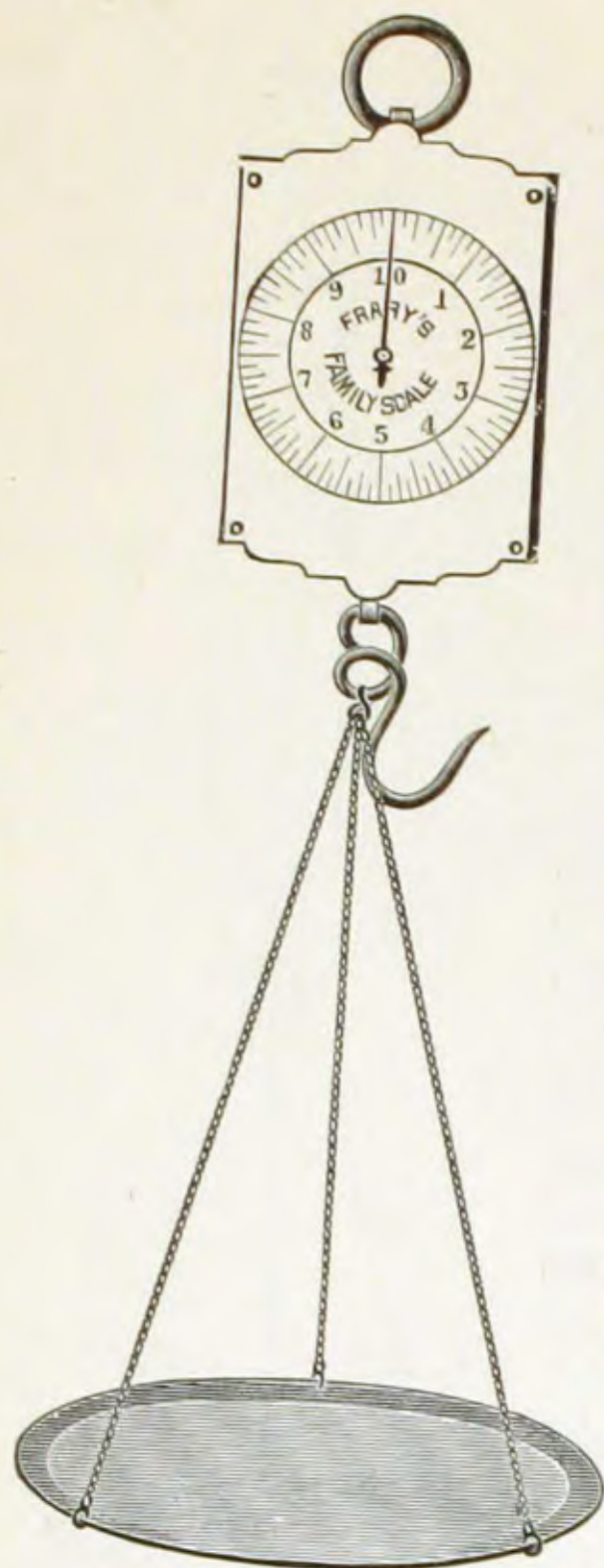
Quarter dozen in a box.



No. 302



CIRCULAR FAMILY SCALES



No. 77

Series C

WITH HOOKS

No.		Each.
74	10 pounds by 1/2 ounce,	\$3.25
75	20 " by 1 "	3.50

WITH ROUND PANS

No.		Each.
76	10 pounds by 1/2 ounce,	\$3.50
77	20 " by 1 "	3.75

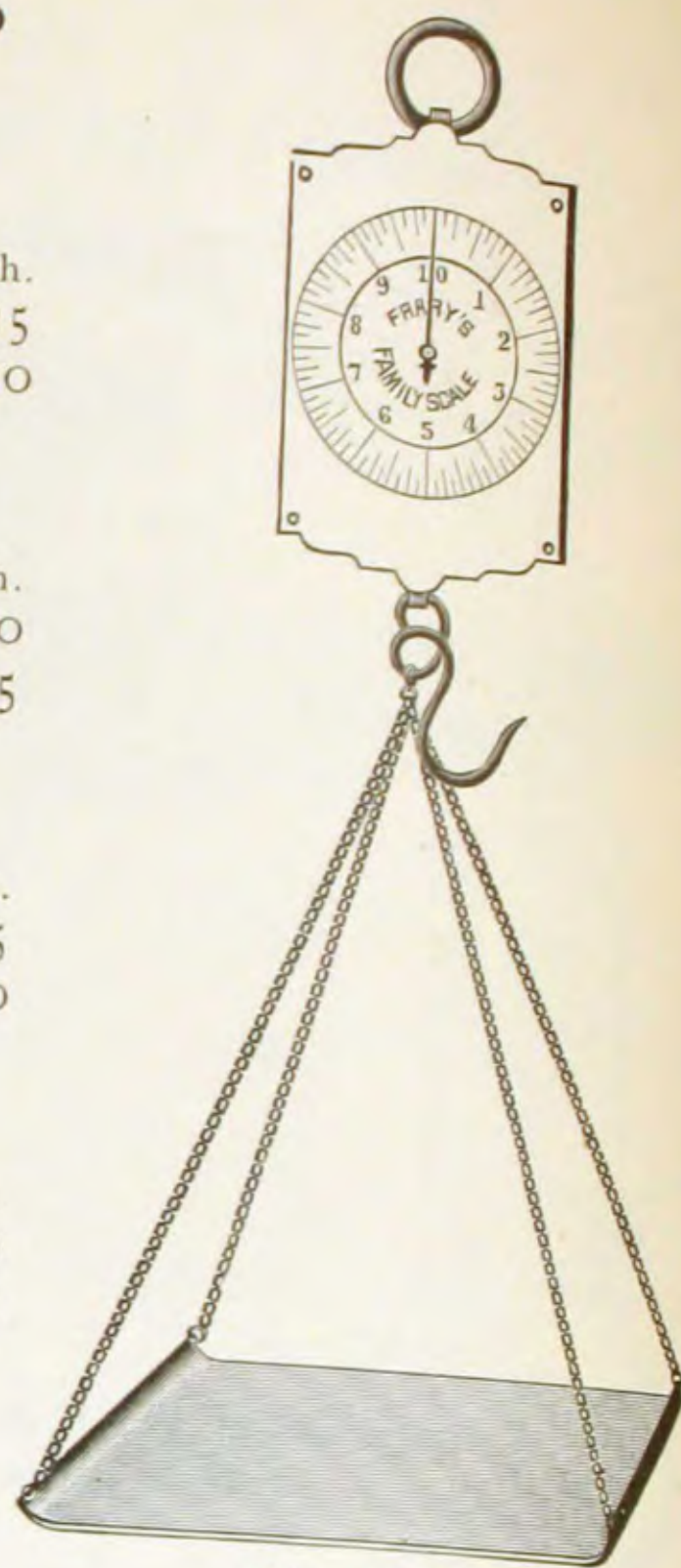
WITH SQUARE PANS

No.		Each.
76 1/2	10 pounds by 1/2 ounce,	\$3.75
77 1/2	20 " by 1 "	4.00

WITH SCOOPS

No.		Each.
78	10 pounds by 1/2 ounce,	\$4.00
79	20 " by 1 "	4.25

Three in a box.



No. 77 1/2

CIRCULAR SPRING BALANCES

BRASS FRONT

WITH HOOKS

Series C

No.	Lbs.	Oz.	Each.
119	15 by 1/2		\$5.50
120	30 by 1		5.50
121	60 by 2		6.75
122	120 by 4		12.50

Nos. 119 to 121, three in a box; others, one.

WITH ROUND PANS

No.	Lbs.	Oz.	Each.
119R	15 by 1/2		\$5.75
123	30 by 1		5.75
124	60 by 2		7.00
125	120 by 4		16.00

One in a box.

WITH SQUARE PANS

No.	Lbs.	Oz.	Each.
119S	15 by 1/2		\$6.25
126	30 by 1		6.25
127	60 by 2		7.50
128	120 by 4		16.50

One in a box.

WHITE ENAMELED
FRONT, GLASS SASH

WITH HOOKS

No.	Lbs.	Oz.	Each.
0119W	15 by 1/2		\$6.50
0120W	30 by 1		6.50
0121W	60 by 2		7.75
0122W	120 by 4		13.50

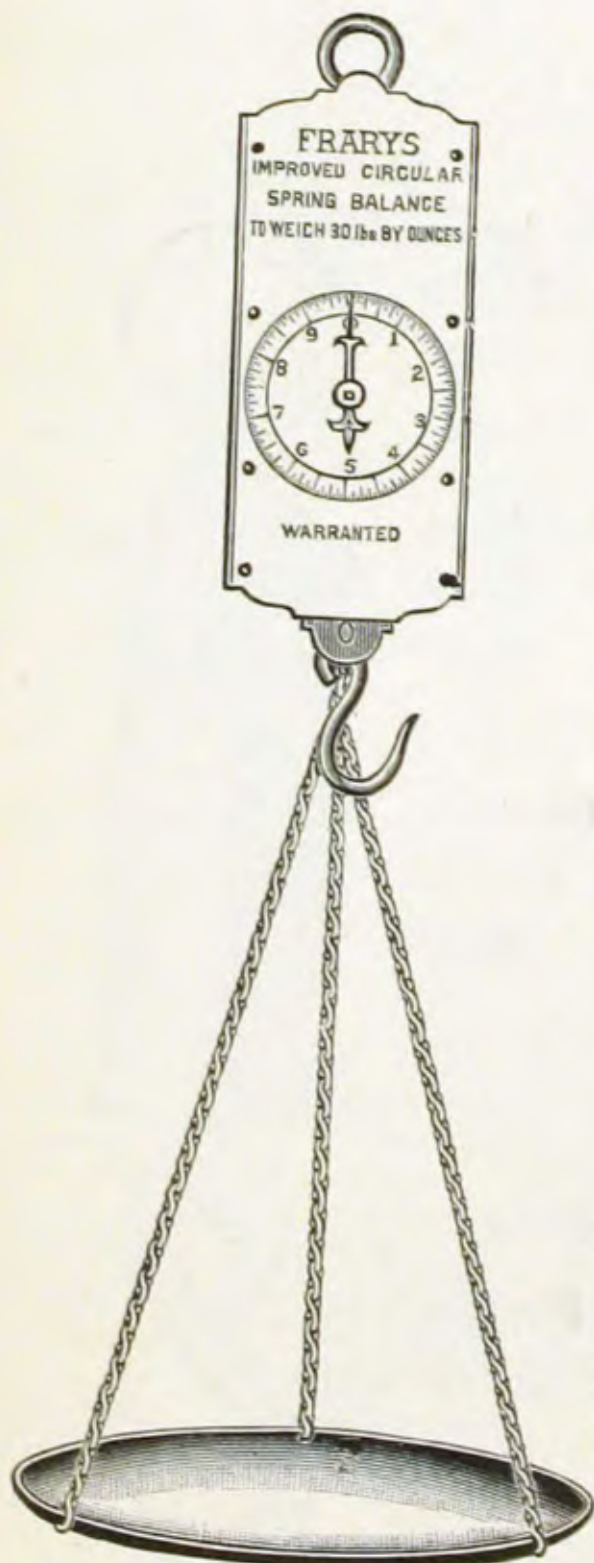
WITH ROUND PANS

No.	Lbs.	Oz.	Each.
01119R	15 by 1/2		\$6.75
01123	30 by 1		6.75
01124	60 by 2		8.00
01125	120 by 4		17.00

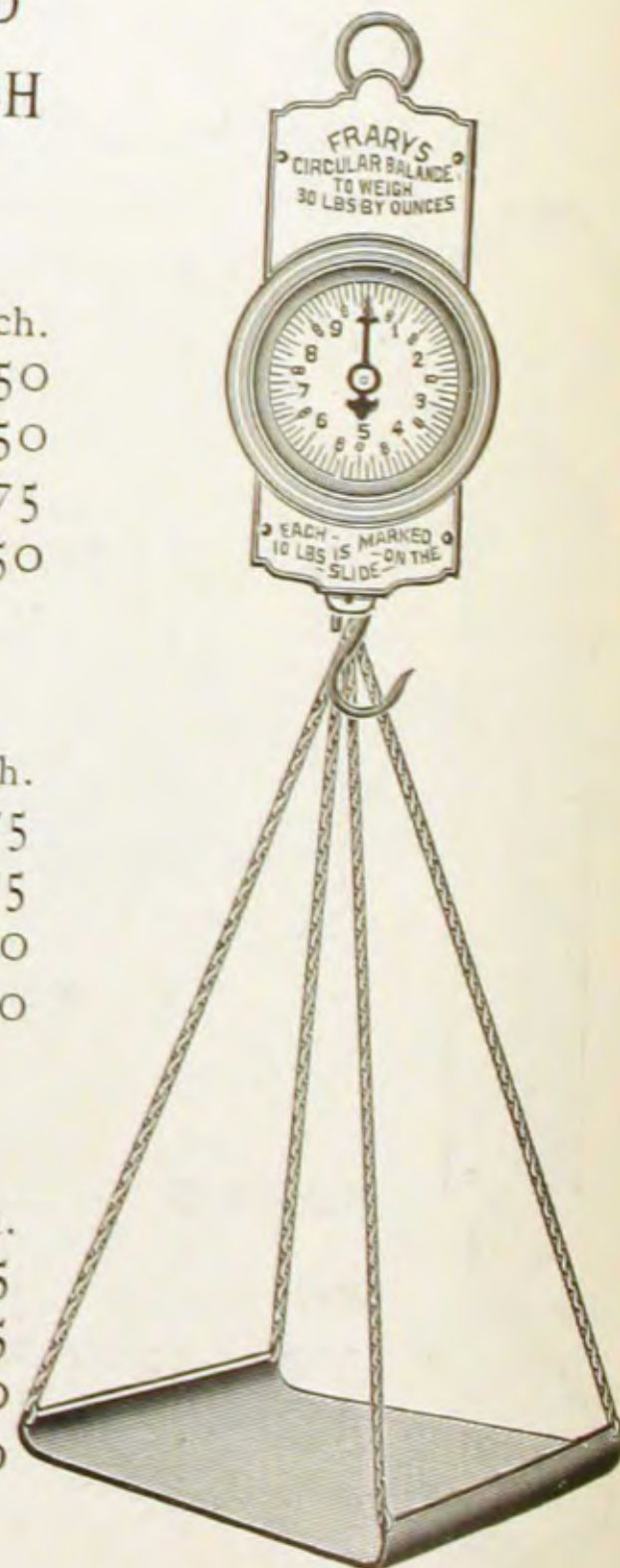
WITH SQUARE PANS

No.	Lbs.	Oz.	Each.
01119S	15 by 1/2		\$7.25
01126	30 by 1		7.25
01127	60 by 2		8.50
01128	120 by 4		17.50

One in a box.



No. 123



No. 01126



CIRCULAR SPRING BALANCES

BRASS FRONTS

Series C

With Tin Pans, Tinned Iron Bows and Swivels.

No.	Each.
149 15 lbs. by 1/2 oz.,	\$7.25
150 30 " " 1 "	7.25
151 60 " " 2 "	8.75

With Tin Pans, Brass Bows and Swivels.

No.	Each.
139 15 lbs. by 1/2 oz.,	\$8.00
140 30 " " 1 "	8.00
141 60 " " 2 "	9.50

With Brass Pans, Brass Bows and Swivels.

No.	Each.
142 15 lbs. by 1/2 oz.,	\$10.00
143 30 " " 1 "	10.00
144 60 " " 2 "	12.00

WHITE PORCELAIN EN- AMELED FRONT AND GLASS SASH

With Tin Pans, Tinned Iron Bows and Swivels.

No.	Each.
0149W 15 lbs. by 1/2 oz.,	\$8.25
0150W 30 " " 1 "	8.25
0151W 60 " " 2 "	9.75

With Tin Pans, Brass Bows and Swivels.

No.	Each.
0139W 15 lbs. by 1/2 oz.,	\$9.00
0140W 30 " " 1 "	9.00
0141W 60 " " 2 "	10.50

With Brass Pans, Brass Bows and Swivels.

No.	Each.
0142W 15 lbs. by 1/2 oz.,	\$11.00
0143W 30 " " 1 "	11.00
0144W 60 " " 2 "	13.00

With Porcelain Enameled Pans, Nickel Silver Strengthened Edges, and Nickel-plated Bows.

No.	Each.
390 15 lbs. by 1/2 oz.,	\$14.00
400 30 " " 1 "	14.00
410 60 " " 2 "	16.00

With Improved Porcelain Pan, Nickel-plated Bows.

No.	Each.
390P 15 lbs. by 1/2 oz.,	\$14.00
400P 30 " " 1 "	14.00
410P 60 " " 2 "	16.00

GRANITE FINISHED FRONT, GLASS SASH

With Granite Finished Pans, Nickel Silver Strengthened Edges, and Nickel-plated Bows.

No.	Each.
390G 15 lbs. by 1/2 oz.,	\$14.00
400G 30 " " 1 "	14.00
410G 60 " " 2 "	16.00



No. 150



No. 0150W



No. 400



No. 0030P7



WITH MEDIUM DIAL AND GLASS SASH

Porcelain Enameled Pans, Nickel Silver Strengthened Edges, and Nickel-plated Bows.

No.	Pans, 13 inches diameter.
0015E7 15 lbs. by 1/2 oz.,	
0030E7 30 " " 1 "	
0060E7 60 " " 2 "	

With Improved Porcelain Pans, Nickel-plated Bows.

Series D

Each.	No.	Pans, 13 inches diameter.	Each.
\$9.00	0015P7 15 lbs. by 1/2 oz.,		\$9.00
9.00	0030P7 30 " " 1 "		9.00
10.50	0060P7 60 " " 2 "		10.50

Above, one in a box.

CIRCULAR SPRING BALANCES

WITH LARGE DIAL AND GLASS SASH

Series D

With Porcelain En-
ameled Nickel Silver
Pans, Strengthened
Edges, and Nickel-
plated Bows.

Patented.

PANS 13 IN. DIAMETER.

No.	Lbs. Oz.	Each.
0015E	15 by ½	\$10.00
0030E	30 by 1	10.00
0060E	60 by 2	11.50

LARGE PANS,
15 INCH DIAMETER.

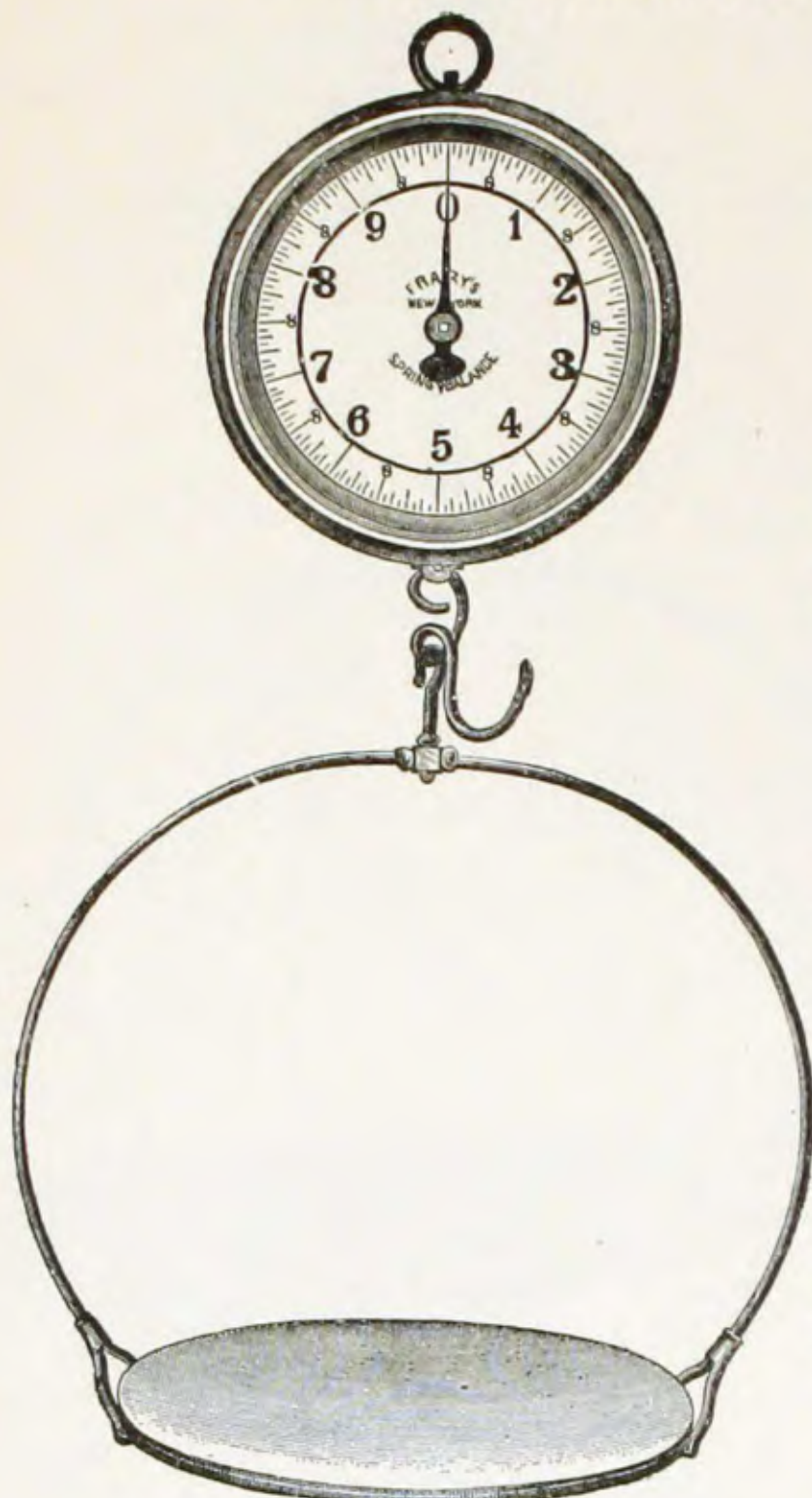
No.	Lbs. Oz.	Each.
0030E-X	30 by 1	\$12.50
0060E-X	60 by 2	14.00

With Improved
Porcelain Pans, Nickel-
plated Bows.

Patented.

No.	Lbs. Oz.	Each.
0015P	15 by ½	\$10.00
0030P	30 by 1	10.00
0060P	60 by 2	11.50

One in a box.



No. 0030E

These Scales are also made with Double Dials, each \$5.00 advance
on the list price of Single Dials.

COMPARATIVE NUMBERS OF
SPRING BALANCES

L. F. & C. Chatillon.		L. F. & C. Chatillon.		L. F. & C. Chatillon.	
3	2000	119	250	149	254
50	20	119R	251	0149W	0254
51	30	01119R	0251	150	264
52	21	119S	252	0150W	0264
53	31	01119S	0252	151	274
70	10	01119W	0250	0151W	0274
71	11	120	260	273	020
72	13	0120W	0260	274	021
74	230	121	270	275	023
75	240	0121W	0270	302	150
76	231	122	280	303	160
76½	232	0122W	0280	304	170
77	241	122½	290	390	0256E
77½	242	123	261	390G	1256G
78	233	01123	0261	390P	0256P
79	243	124	271	400	0266E
80	30½	01124	0271	400G	1266G
81	40	125	281	400P	0266P
82	50	01125	0281	410	0276E
83	60	126	262	410G	1276G
84	70	01126	0262	410P	0276P
86	80	127	272	0015E	4256E
87	90	01127	0272	0015E 7	5256E
88	100	128	282	0015P	4256P
88A	100A	01128	0282	0015P 7	5256P
88B	100B	139	255	0030E	4266E
90	31½	0139W	0255	0030E 7	5266E
91	41	140	265	0030E-X	4266E-X
92	51	0140W	0265	0030P	4266P
93	61	141	275	0030P 7	5266P
94	71	0141W	0275	0060E	4276E
96	81	142	256	0060E 7	5276E
97	91	0142W	0256	0060E-X	4276E-X
98	101	143	266	0060P	4276P
115	82	0143W	0266	0060P 7	5276P
116	92	144	276		
117	102	0144W	0276		

IMPROVED YOUNG AMERICA SCALES

MADE OF STEEL

AN ATTRACTIVE SCALE FOR ALL PURPOSES, ENAMELED, ORNAMENTED, AND STRIPED
WEIGHS 20 POUNDS BY OUNCES



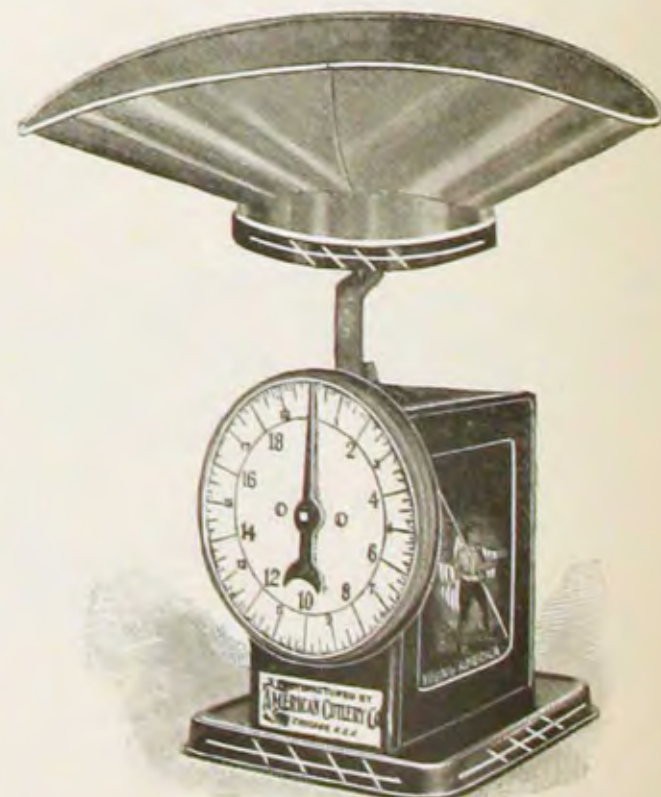
WARRANTED CORRECT

With Tile Platform,
" Scoop,

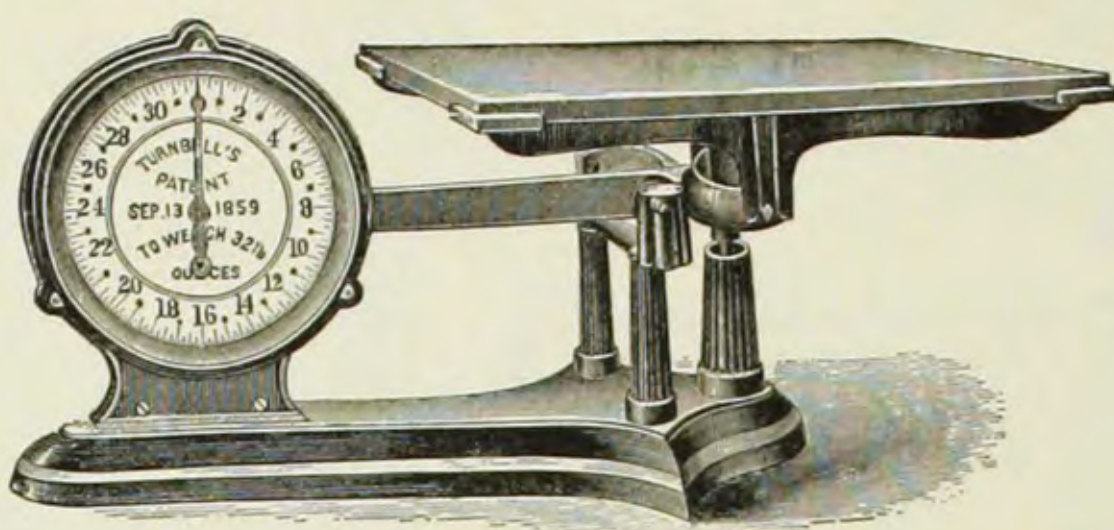
each, \$2.00

" 2.00

One in a case.



TURNBULL'S MARKET SCALES



No. 33

No. 26	16 pounds by 1/2 ounce, Marble Slab, Glass Sash,	
No. 33	32 " by 1 " " " " " " "	
No. 43	64 " by 2 " " " " " " "	

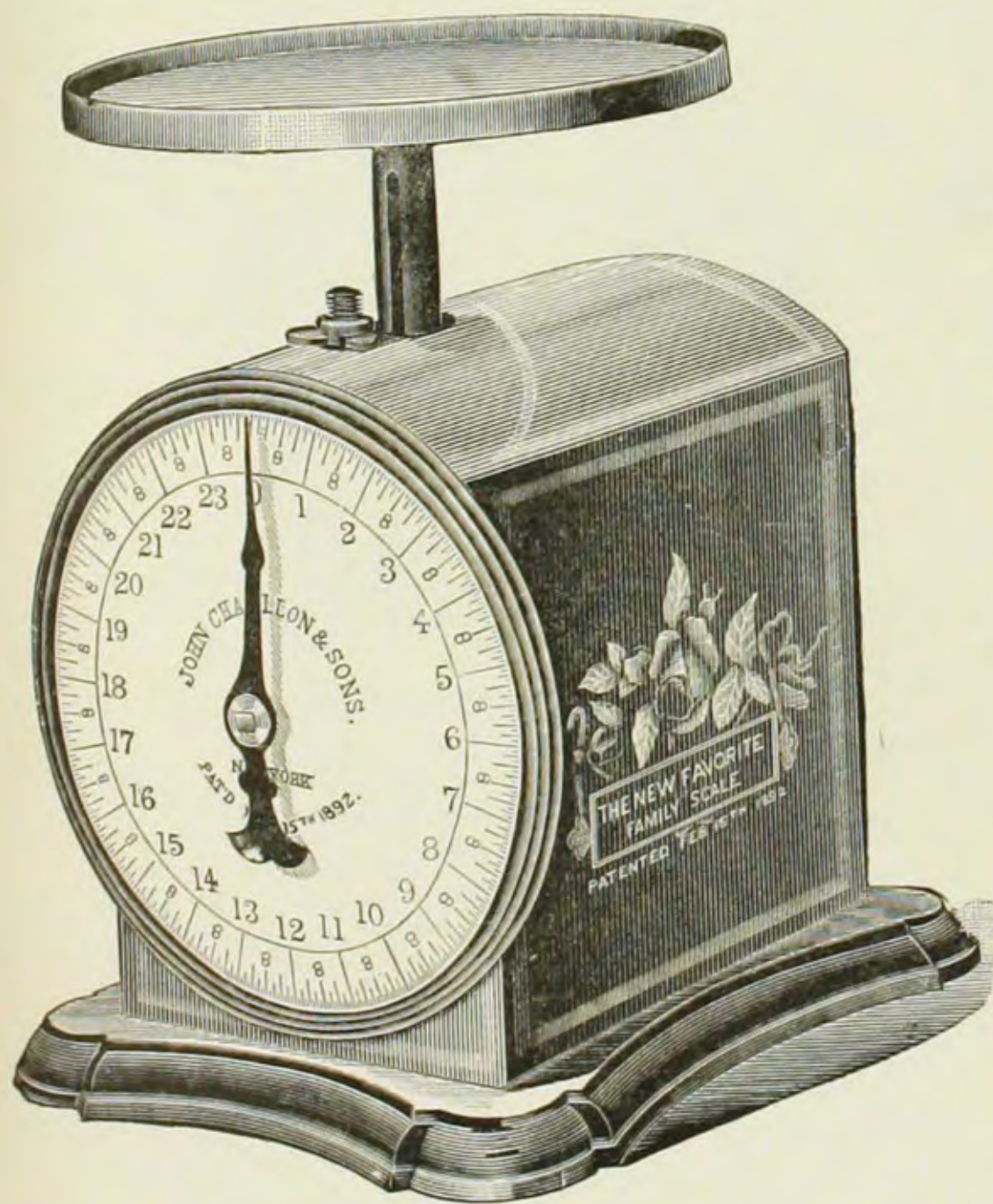
each, \$15.00
 " 16.00
 " 18.00

One in a case.

NEW FAVORITE FAMILY SCALES

JAPANNED AND ORNAMENTED

The Pointer may be adjusted to 0 to balance the weight of a scoop, etc., by turning the Thumb-screw on top of Scale.



Weighing. lbs. oz.	Platform.	Per dozen.	Platform and Tin Scoop.	Per dozen.
5 by 1/2	No. 126	\$36.00	No. 127	\$39.00
12 by 1	" 136	36.00	" 137	39.00
24 by 1	" 146	42.00	" 147	45.00
48 by 2	" 156	48.00	" 157	51.00

One Scale in a wooden box. Half dozen in a case.

IMPROVED FAMILY SCALES

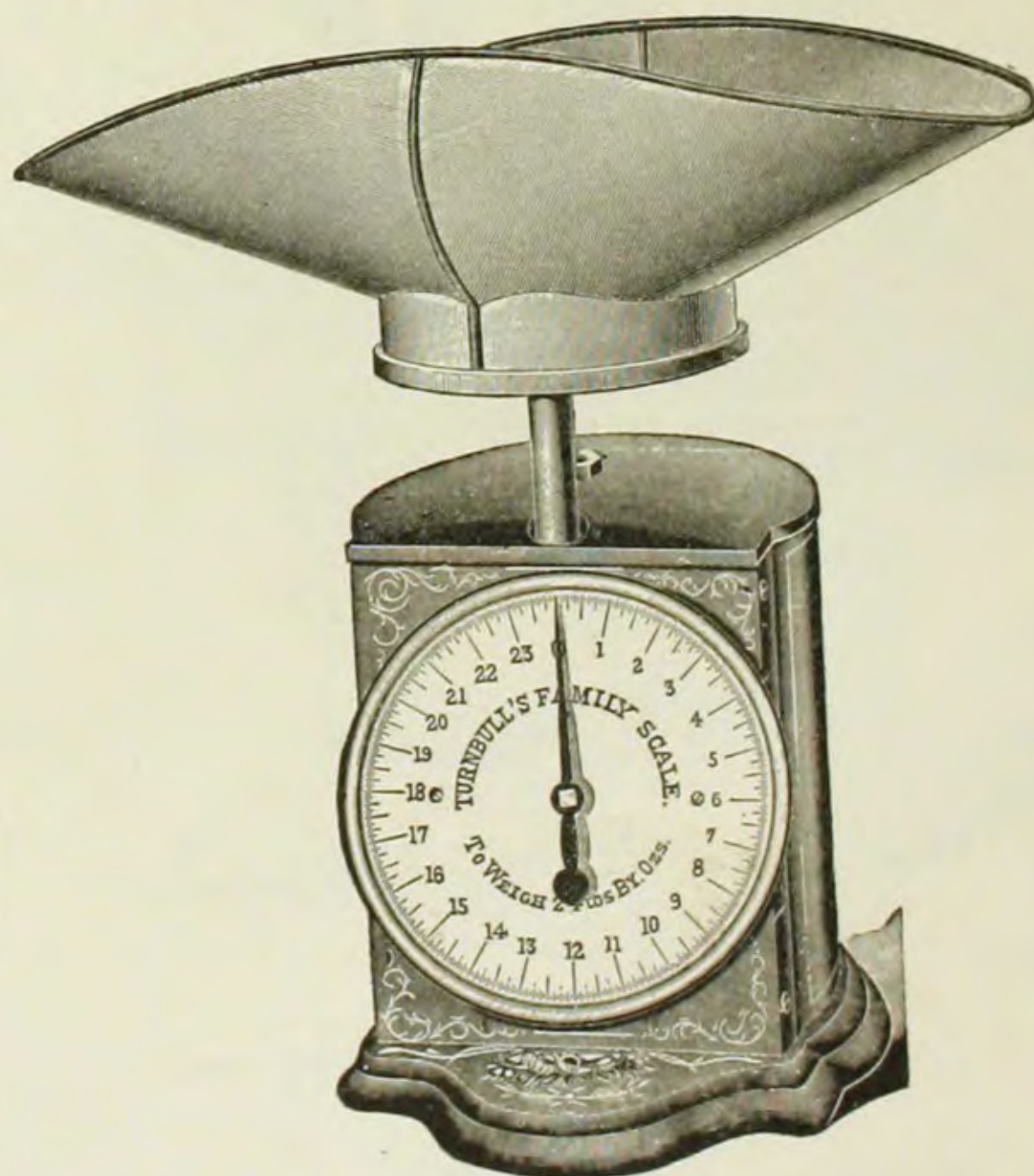
MADE ENTIRELY OF STEEL

BRASS DIAL

FINISHED IN BLACK ENAMEL

BEAUTIFULLY ORNAMENTED

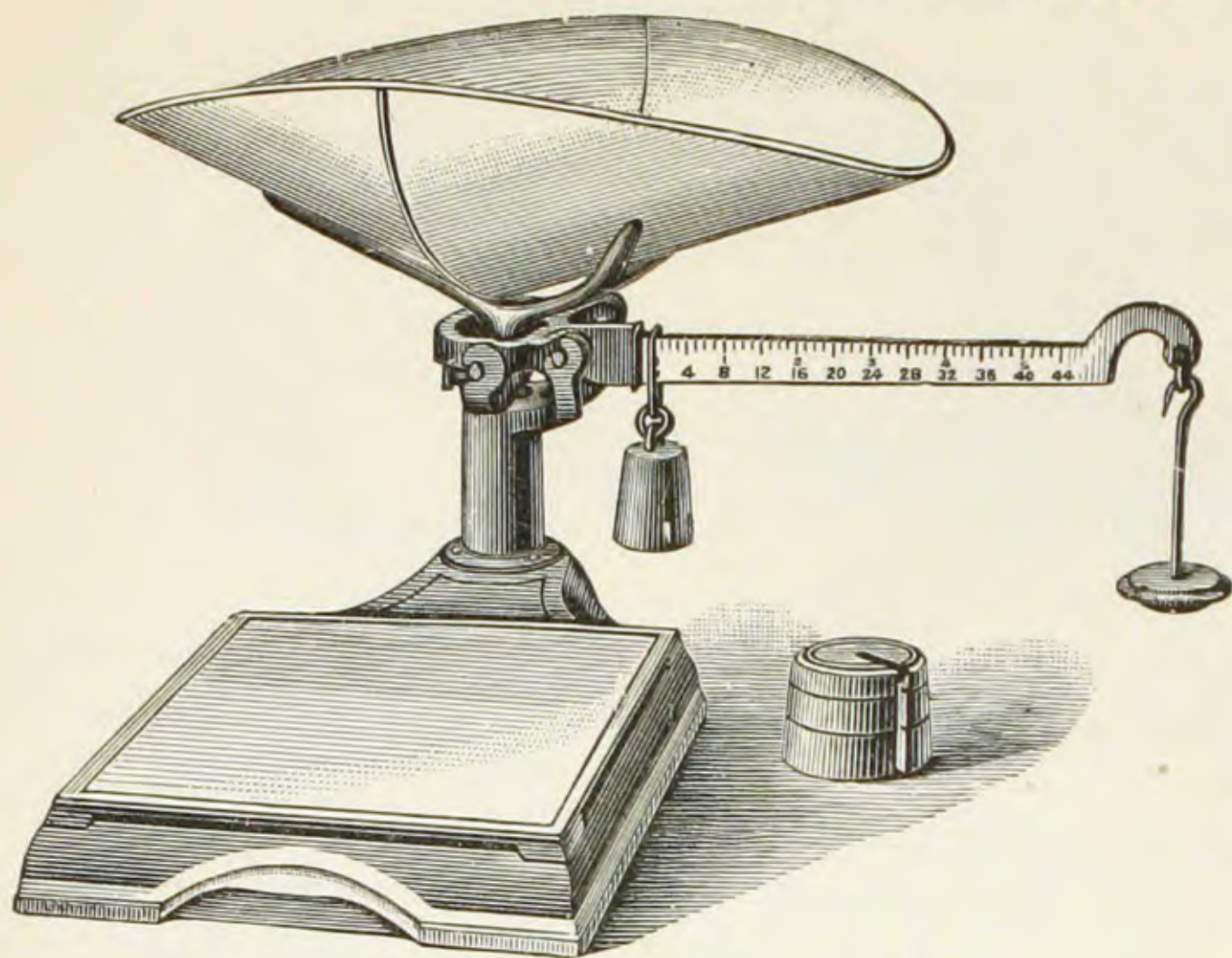
The Pointer may be adjusted to 0 to balance the weight of the scoop by turning the Thumb-screw on top of Scale.



Platform.	Per dozen.	Platform with Tin Scoop.	Per dozen.
No. 290	\$53.50	No. 292	\$58.00
" 295	57.50	" 297	62.00



M. C. OGDEN'S SCALES

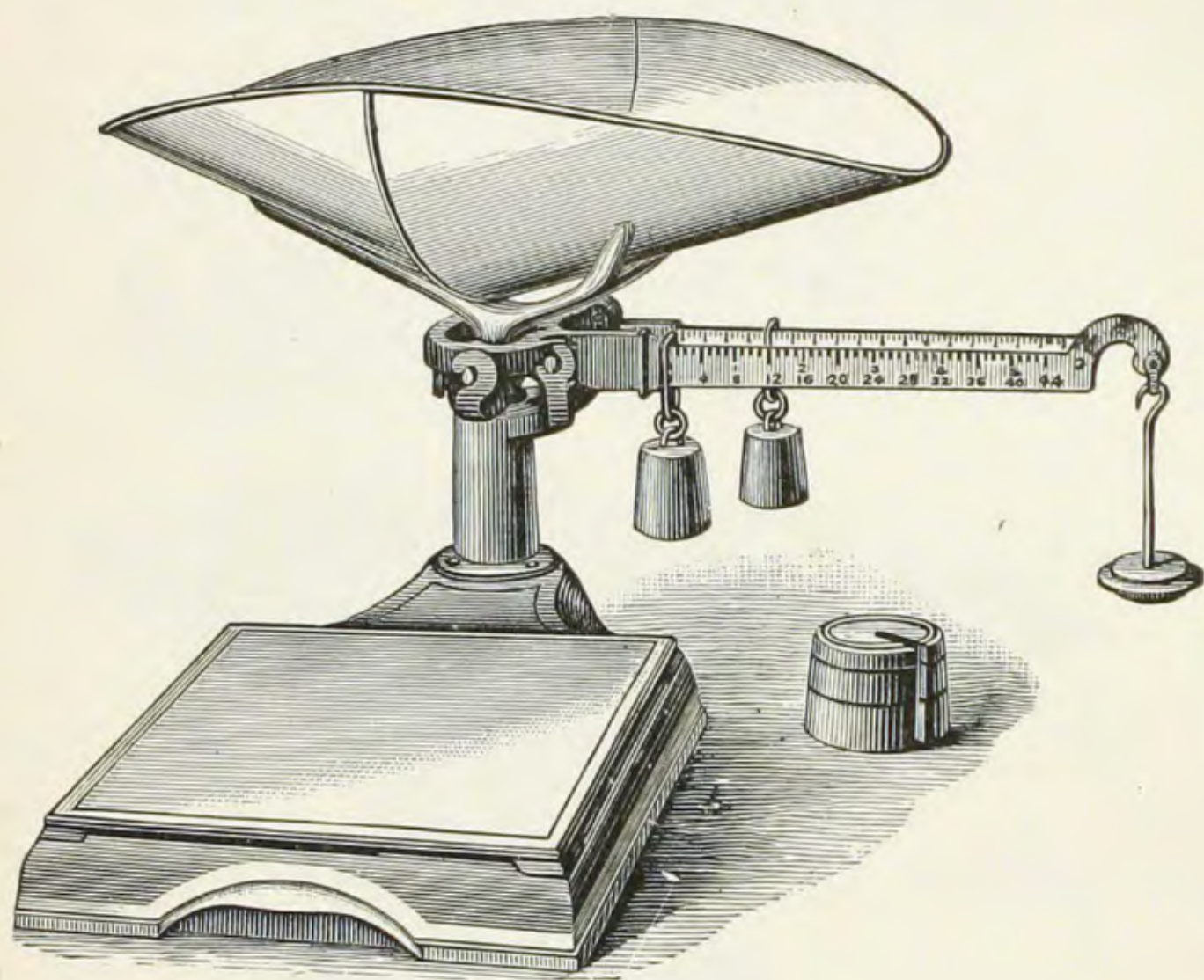


UNION SCALES

STEEL BEARINGS

SINGLE BEAM

No.	Capacity, 1/2 ounce to 244 pounds; Plain	Each.
238	Black,	\$5.75
239	Japanned and Gold Striped,	6.00
240	Extra Quality, Black Japanned, Gold Striped,	6.25
244	Extra Quality, Black Japanned and Ornamented,	6.60
339	Same as No. 239, but painted Red and Striped,	6.75
340	Same as No. 240, but painted Red and Striped,	7.00
344	Same as No. 244, but painted Red and Ornamented,	7.35



DOUBLE BEAM

No.	Capacity, 1/2 ounce to 244 pounds; Extra Quality, Black Japanned and Ornamented,	Each.
444		\$8.25

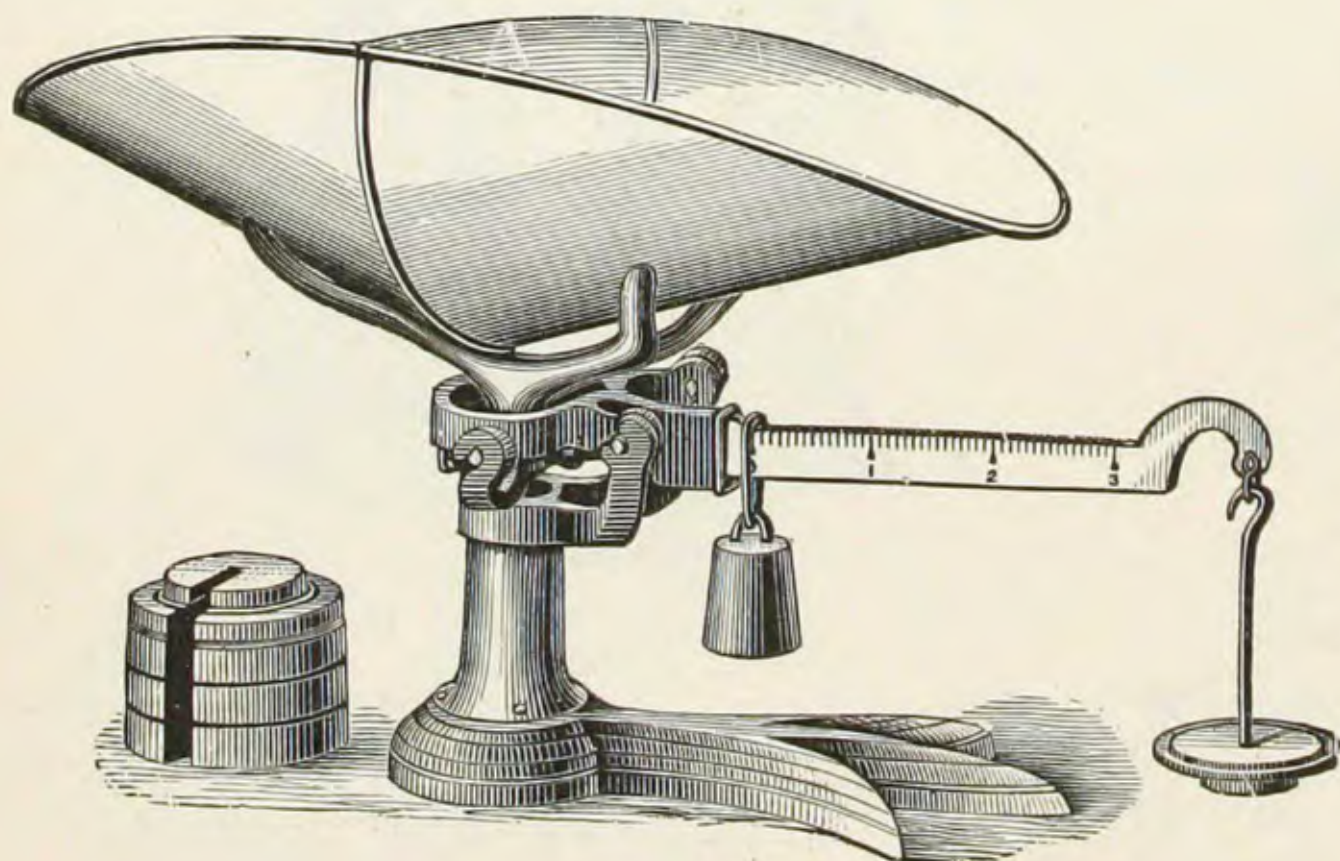
GROCERS' SCALES

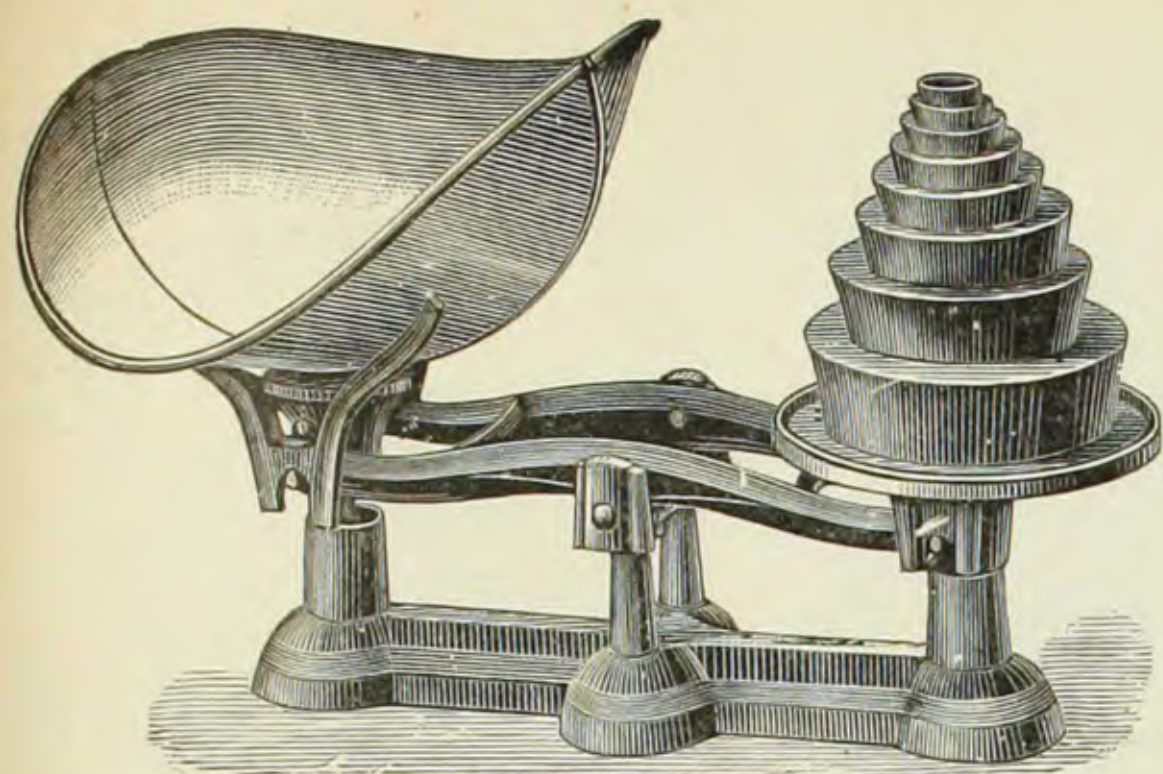
SINGLE BEAM

No.	Capacity, 1/2 ounce to 62 pounds; Japanned, Gold Striped and Ornamented,	Each.
1		\$7.00
2	Capacity, 1/2 ounce to 36 pounds; Japanned, Gold Striped and Ornamented,	6.00
3	Capacity, 1/2 ounce to 26 pounds; Japanned, Gold Striped and Ornamented, One in a case.	5.00

DOUBLE BEAM

No.	Capacity, 1/2 ounce to 62 pounds; Japanned, Gold Striped and Ornamented,	Each.
11		\$8.50
12	Capacity, 1/2 ounce to 36 pounds; Japanned, Gold Striped and Ornamented,	7.50
13	Capacity, 1/2 ounce to 26 pounds; Japanned, Gold Striped and Ornamented, Brass Scoops furnished for any of the foregoing Scales at an advanced price.	6.50
Above Scales adjusted to Spanish Standard at same prices.		
French or Metric Standard,		
" and English " combined,		
" " Spanish " " At an advanced price.		
English " " " " Above, one in a case.		



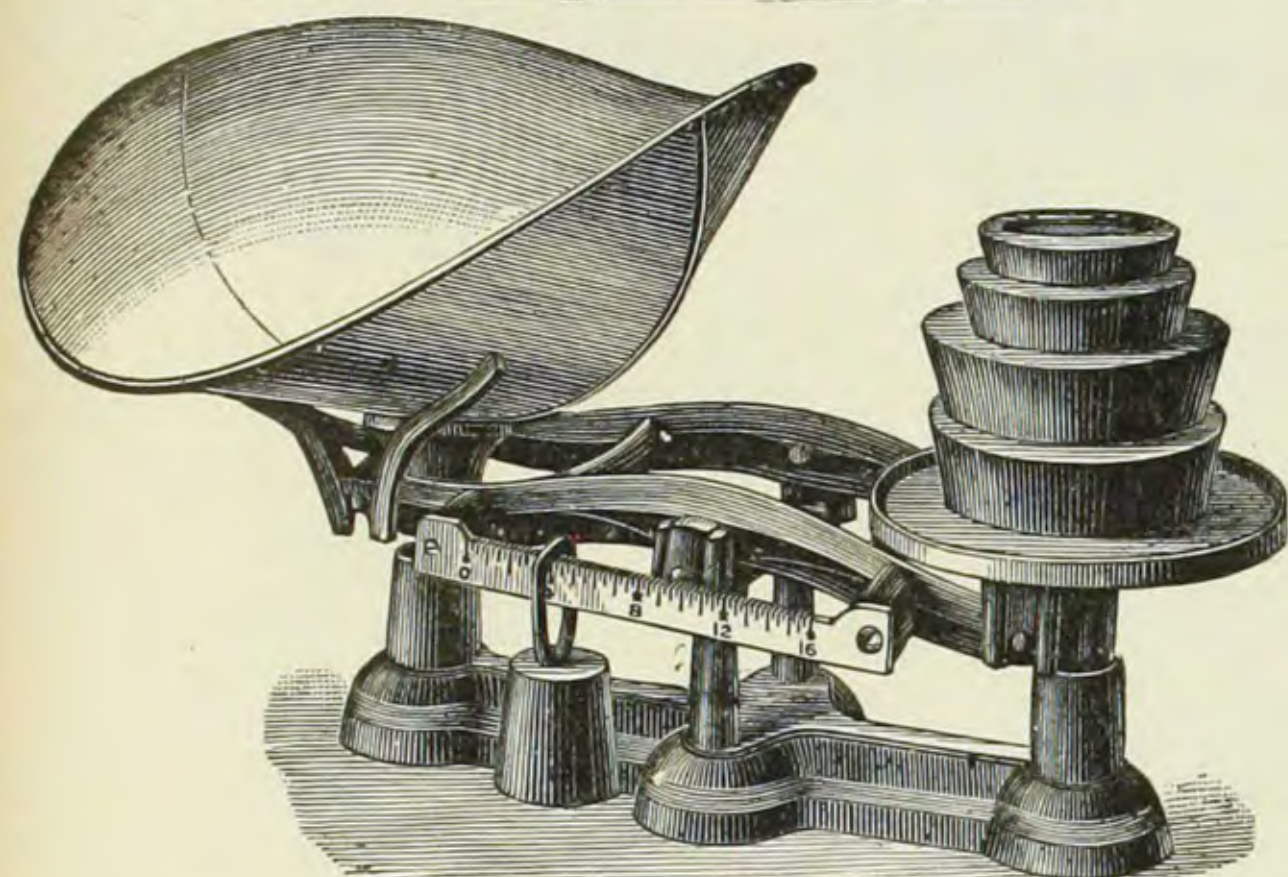


EVEN BALANCE SCALES 913

All Steel Bearings, painted Red, Gold Striped and Ornamented, with strong Tin Scoops. A good and accurate Scale. Furnished with Weights complete.

- No. 1 Capacity, $\frac{1}{2}$ oz. to 8 lbs., each, \$5.00
 No. 2 " $\frac{1}{2}$ " to 4 " " 3.50
 No. 3 " $\frac{1}{2}$ " to 4 " " 3.00
 No. 21 Same as No. 1, Black, Japanned,
 Red and Gold Striped, each, 4.50
 No. 22 Same as No. 2, Black, Japanned,
 Red and Gold Striped, each, 3.00
 No. 23 Same as No. 3, Black, Japanned,
 Red and Gold Striped, each, 2.75

Nos. 1 and 21, one in a case; other Nos., two.



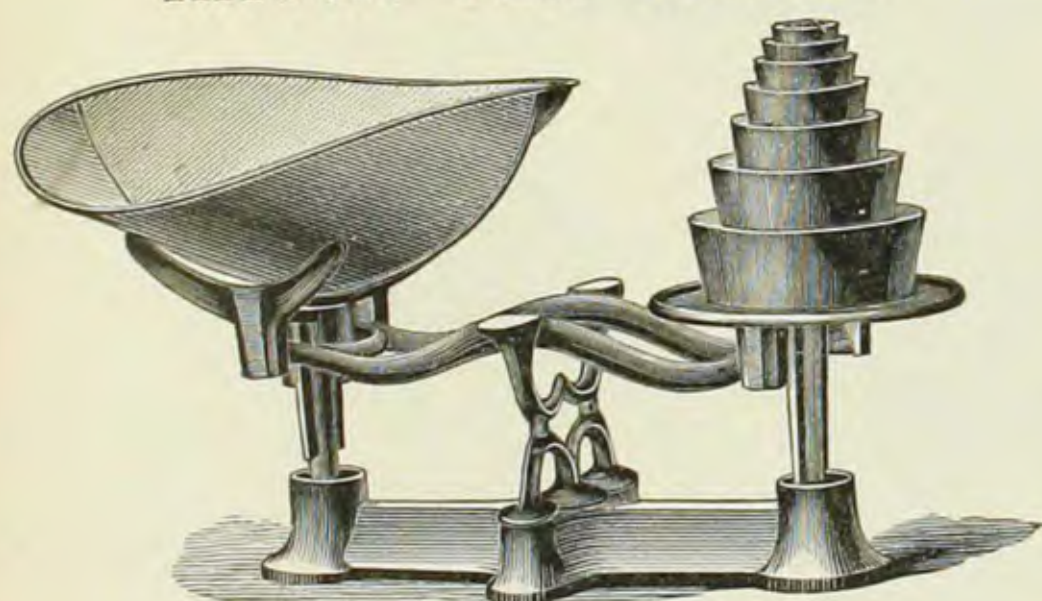
EVEN BALANCE SCALES

WITH SIDE BEAM

All Steel Bearings, painted Red, Gold Striped and Ornamented. An accurate Scale. By means of the Side Beam the use of small weights under one pound is dispensed with. Complete, with Weights.

- No. 11 Capacity, $\frac{1}{4}$ ounce to 12 pounds, Brass Side Beam, each, \$6.00
 No. 12 With Brass Scoop, " 8.00

HATCH TEA SCALES



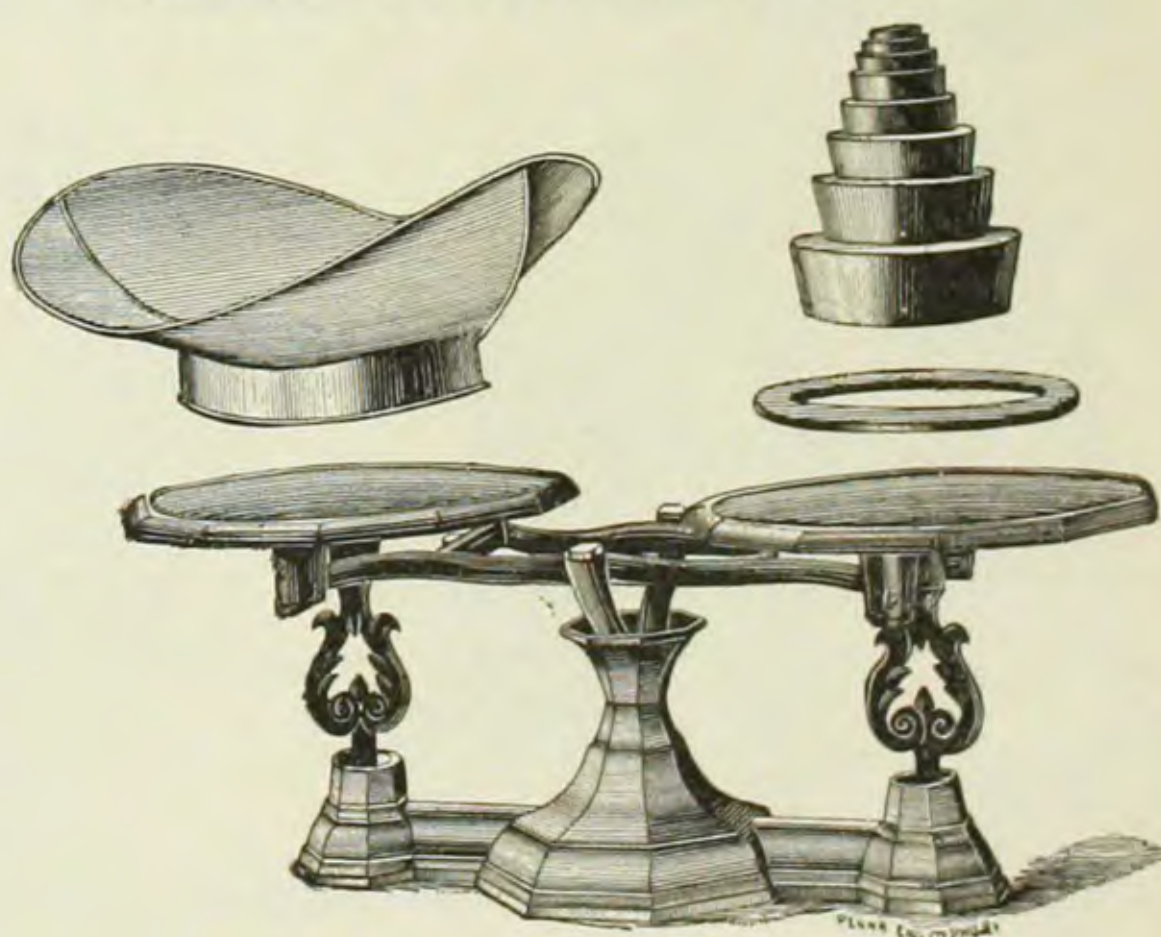
No. 161

- | | | |
|-------------------|---|------------|
| No. | | Per dozen. |
| 160 | Capacity, 2 lbs., Tin Scoop, | \$14.00 |
| 161 | " 4 " " " | 15.00 |
| 161 $\frac{1}{2}$ | Capacity, 4 lbs., Tin Scoop,
two Platforms, | 16.00 |
| 300 | Capacity, 4 lbs., Tin Scoop,
Style of No. 161, | 24.00 |

PAINTED RED

- | | | |
|-----|---|------------|
| No. | | Per dozen. |
| 261 | 4 pounds, Brass Scoop,
Three in a case | \$20.00 |

HATCH COUNTER SCALES



No. 171

- No. 171 Capacity, $\frac{1}{2}$ ounce to 8 pounds,
 Plain Japanned, per dozen, \$42.00
 One in a case.

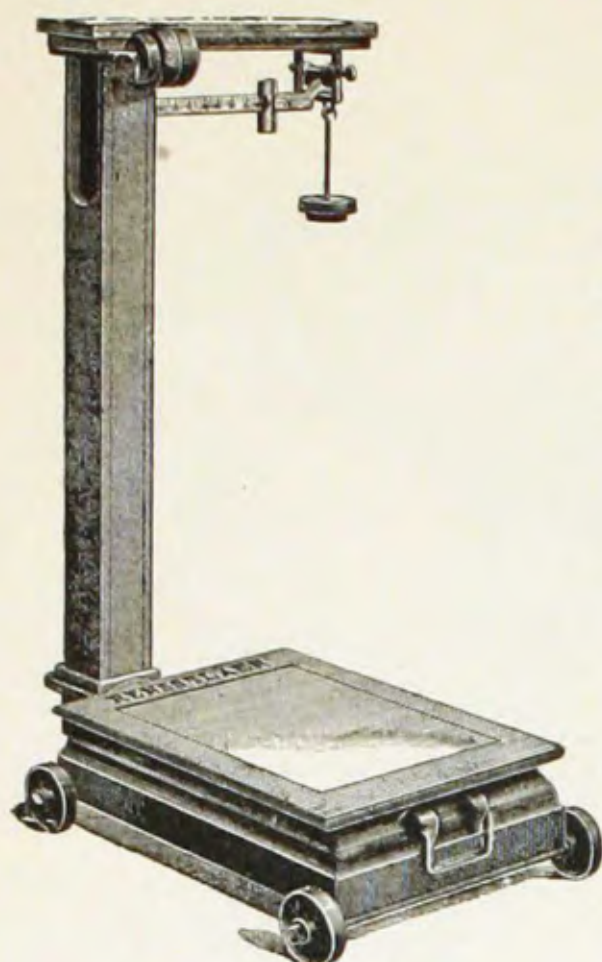
IRON NEST WEIGHTS

IN SETS



SEPARATE						IN SETS	
Oz.	$\frac{1}{2}$	1	2	4	8	$\frac{1}{2}$ oz. to 1 lb.	$\frac{1}{2}$ oz. to 2 lbs.
Per doz.,	\$0.20	.30	.40	.60	1.00	Per set, \$0.30	.50
Pounds,	1	2	4	8		$\frac{1}{2}$ oz. to 4 lbs.	$\frac{1}{2}$ oz. to 8 lbs.
Per doz.,	\$1.50	2.50	4.75	9.00		Per set, \$0.90	1.70





PORTABLE PLATFORM SCALES

SLIDING POISE

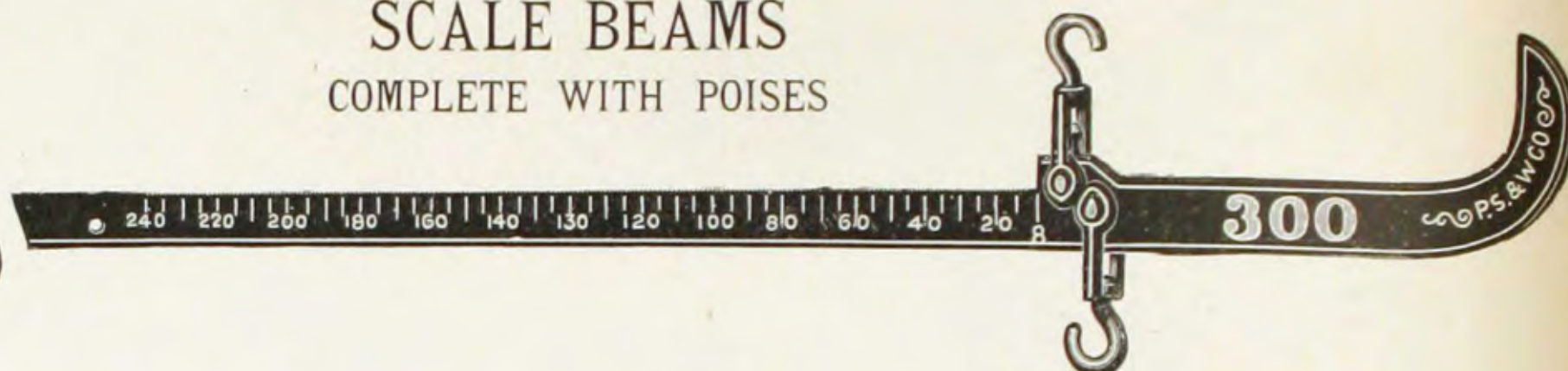
All Steel Bearings, well finished throughout. A reliable and accurate Scale.

No. 400	400 lbs., on wheels,	each, \$19.00
No. 610	600 " " "	" 20.00
No. 800	800 " " "	" 25.00
No. 1200	1200 " " "	" 32.00

One in a case.

SCALE BEAMS

COMPLETE WITH POISES



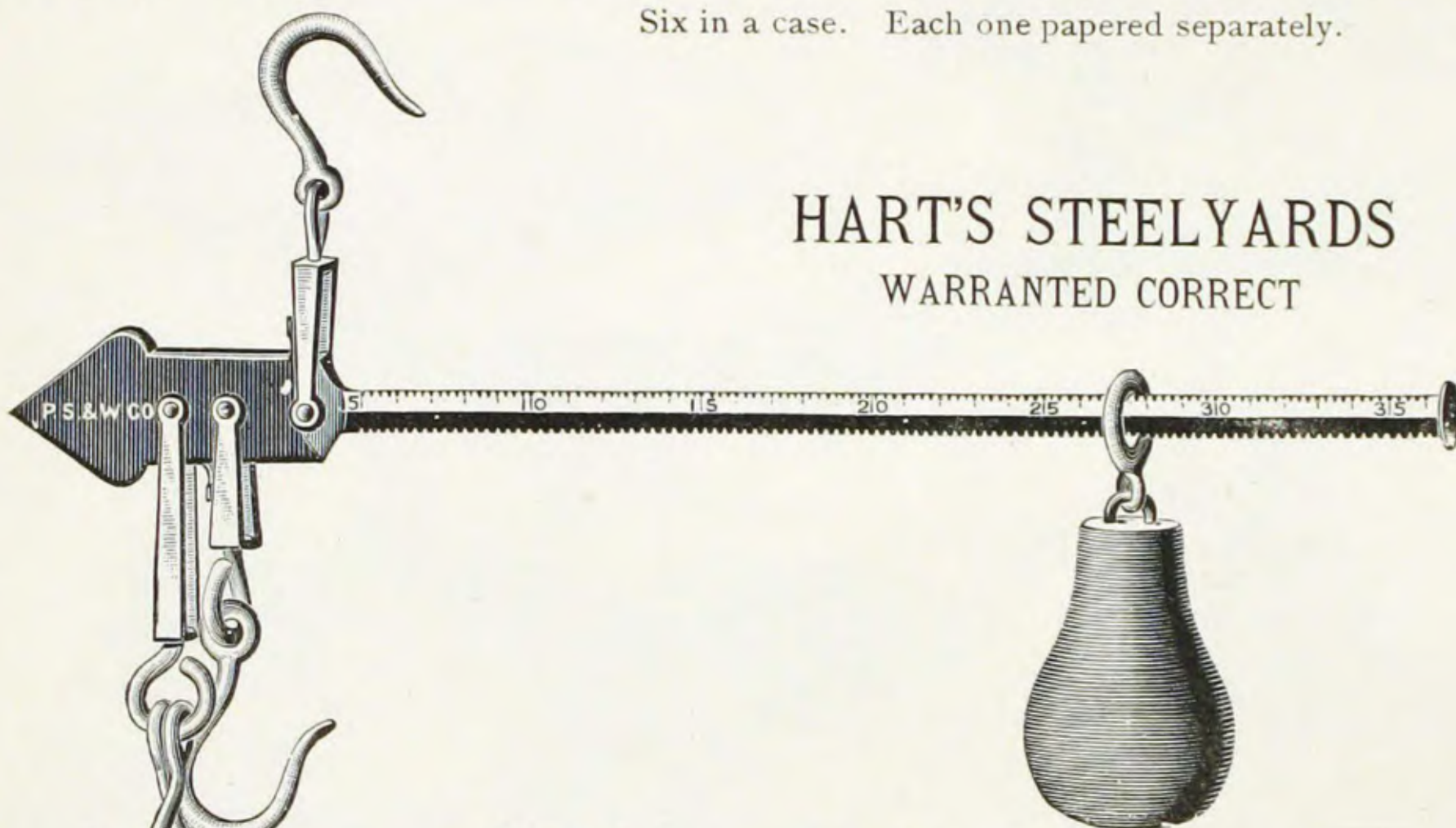
To Weigh, lbs.,
Light, No. 2, each,
Heavy, No. 1, "

	100	150	200	250	300	350	400	500	600	800
Light, No. 2, each,	\$1.50	1.50	1.60	1.90	2.10	2.50	2.90	3.50	4.00	5.30
Heavy, No. 1, "	2.00	2.00	2.00	2.25	2.60	3.00	3.50	4.50	5.25	7.00

Six in a case. Each one papered separately.

HART'S STEELYARDS

WARRANTED CORRECT



To weigh,
Per dozen,
To weigh,
Per dozen,

50 lbs. $\times$ 1 oz.
\$9.00
200 lbs. $\times$ $\frac{1}{4}$ lb.
\$15.00

100 lbs. $\times$ $\frac{1}{8}$ lb.
10.00
250 lbs. $\times$ $\frac{1}{4}$ lb.
18.00

150 lbs. $\times$ $\frac{1}{4}$ lb.
12.00
300 lbs. $\times$ $\frac{1}{2}$ lb.
21.00

Half dozen in a case.



DOMESTIC STEELYARDS

STEEL BAR

To weigh,
Per dozen,
To weigh,
Per dozen,

50 pounds $\times$ 1 ounce
\$5.50
200 pounds $\times$ $\frac{1}{4}$ pound
\$10.00

100 pounds $\times$ 2 ounces
7.00

150 pounds $\times$ $\frac{1}{4}$ pound
9.00
250 pounds $\times$ $\frac{1}{4}$ pound
11.00

Half dozen in a case.



TWINE BOXES

915



TO HANG

No.		Per dozen.
20	Bronzed,	\$2.50
30	Japanned,	2.30
20I	Bronzed, for one pound balls,	3.40
30I	Japanned, for one pound balls,	3.20
Half dozen in a box.		



TO HANG

No.		Per dozen.
45	Imperial Bronze, for Druggists' use,	\$5.85
55	Imperial Bronze, large,	6.30
Half dozen in a box.		



TO STAND

No.		Per dozen.
60	Japanned,	\$6.00
70	Imperial Bronze,	7.75
Half dozen in a wooden box.		



TO STAND

No.		Per dozen.
25	Bronzed,	\$5.40
35	Japanned,	4.60
25I	Bronzed, for one pound balls,	7.70
35I	Japanned, for one pound balls,	6.80

One-third dozen in a box.

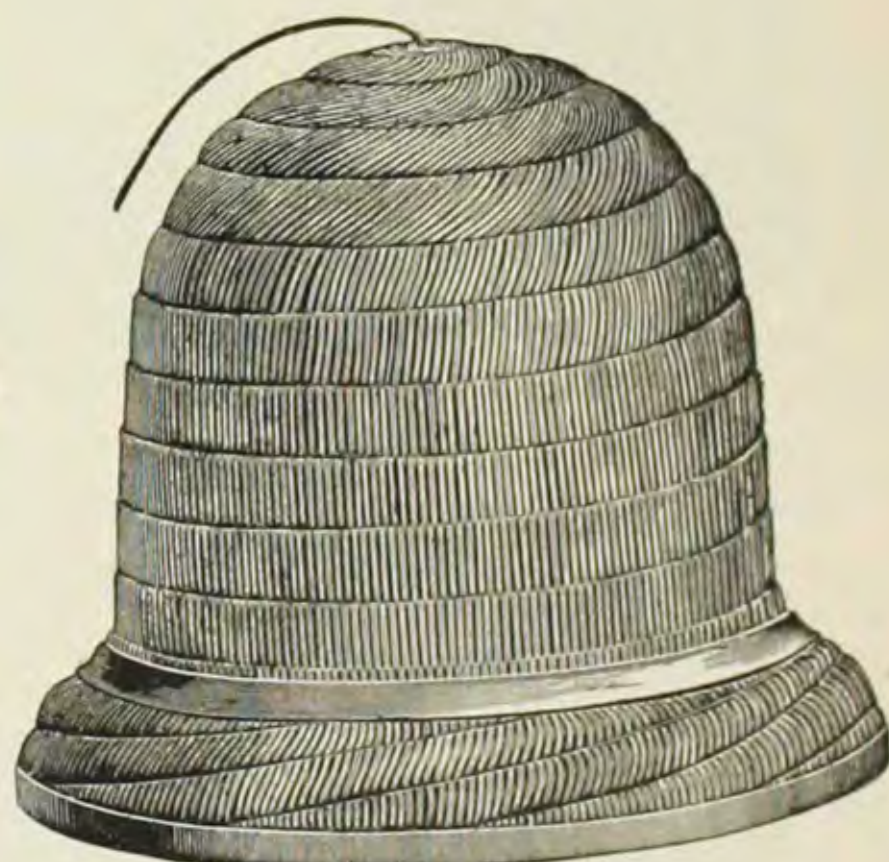


TO STAND

No.		Per dozen.
65	Imperial Bronze, for Druggists' use,	\$7.65
75	Imperial Bronze, large,	8.10

One-third dozen in a box.

BEE HIVE



TO STAND

JAPANNED

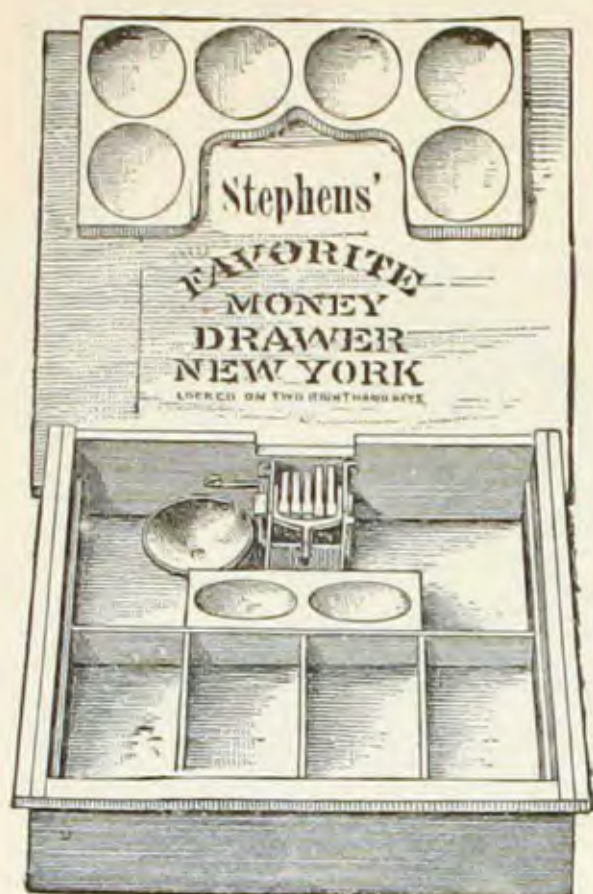
No.		Per dozen.
80	Size of Twine Chamber, 4 x 4 1/2 in.,	\$5.60
8I	Size of Twine Chamber, 5 x 5 1/2 in.,	8.80

COPPER BRONZED

No.		Per dozen.
82	Size of Twine Chamber, 4 x 4 1/2 in.,	\$6.40
One in a package.		



ALARM TILLS



FAVORITE

Per dozen, \$20.00
Half dozen in a crate.



TUCKER'S

No. 1 Hardwood Front, Varnished and Polished, Coin Tray and Wood-work Polished,

per dozen, \$21.00

No. 2 Plain Front, Stained and Varnished, Coin Tray and Wood-work Plain,

per dozen, 18.00

Half dozen in a crate.



Open

HELLER'S MAIL BOXES

Neat, artistic, secure, and rainproof; made throughout of iron; have steel wire spring for papers, packages, etc.

PAINTED MAROON AND GREEN

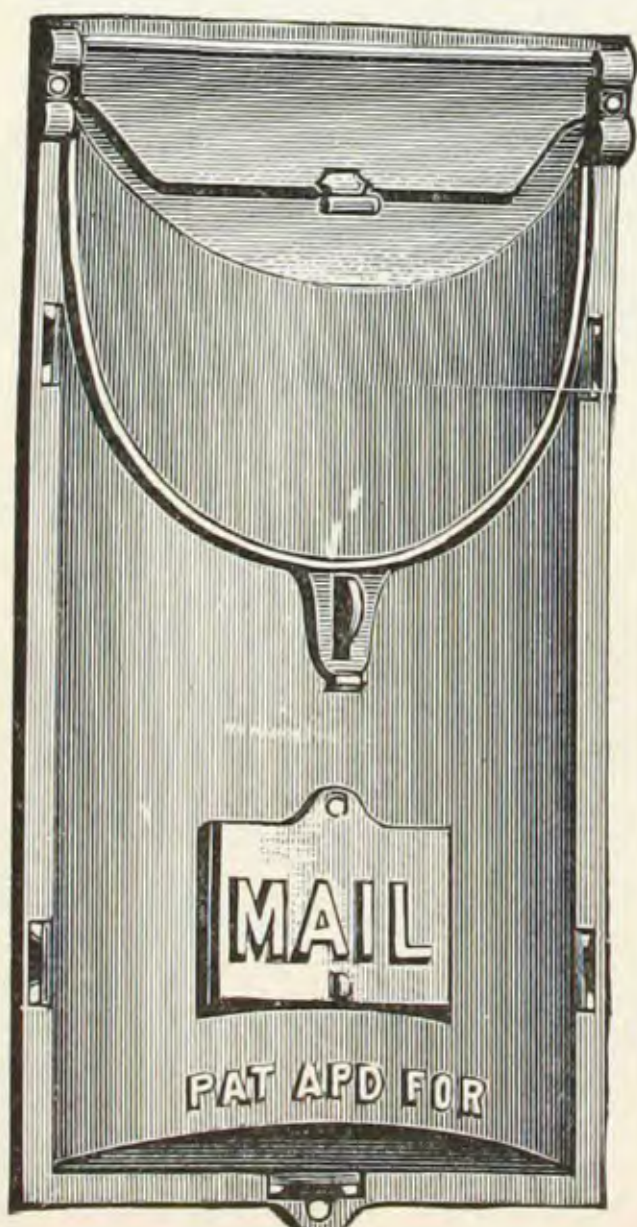
10 inches long, 5 inches wide, 2 1/4 inches deep.

B	With 2 Keys,	per doz., \$15.00
C	With 2 Flat Keys, no two Keys alike,	" " 18.00
D	Size and Style of B, but without Steel Wire Spring,	" " 12.00

One dozen in a case.



Closed



No. 1

STANDARD MAIL BOXES

No. 1	Japanned, 6x12 1/2 inches,	each, \$0.80
No. 2	Japanned, 6x13 inches, with Spring for Papers, etc.,	each, 1.00



No. 2



FITCH'S CURRY COMBS

917



Nos. 228, 228 $\frac{1}{2}$, and 228 $\frac{3}{4}$

RIVETED HANDLES

No. 226 5 Bars, Japanned, per dozen, \$1.30

TANG THROUGH HANDLE AND RIVETED

No. 228 6 Bars, Japanned, per dozen, \$1.50

No. 228 $\frac{1}{2}$ 6 " Tinned, " " 1.60

No. 228 $\frac{3}{4}$ 6 " Brass, " " 2.30



Nos. 245 and 245 $\frac{1}{2}$

WITH MANE COMB ATTACHMENT, TANG THROUGH HANDLE AND RIVETED

No. 245 7 Bars, Japanned, per dozen, \$1.60

No. 245 $\frac{1}{2}$ 7 " Tinned, " " 1.70

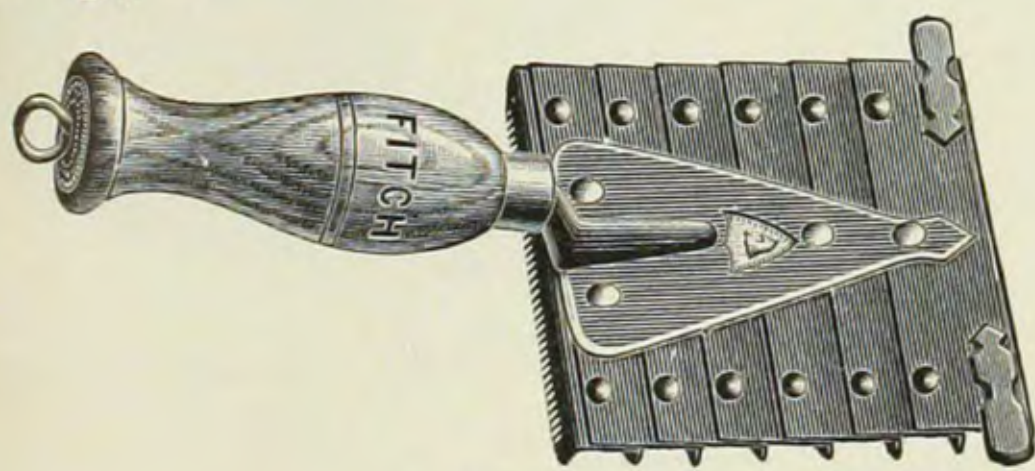


No. 234

TANG THROUGH HANDLE AND RIVETED

No. 230 7 Bars, Japanned, per dozen, \$1.80

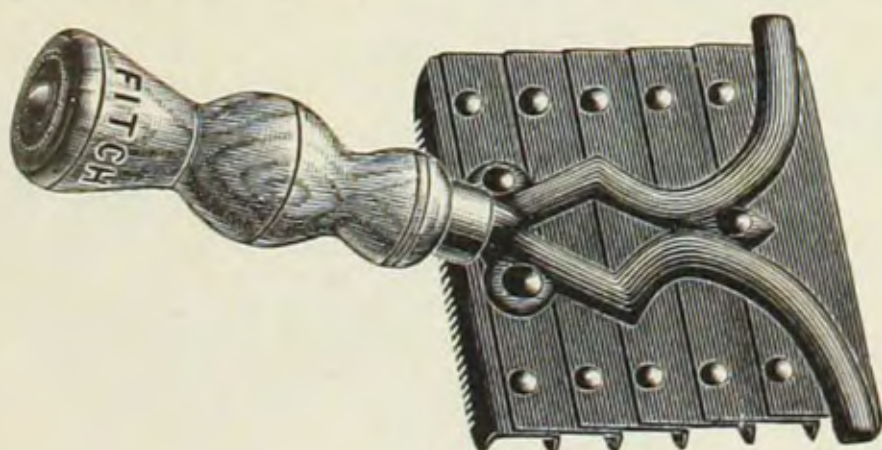
No. 234 8 " " " " 2.20



No. 236

ORNAMENTED PADS, RIVETED HANDLES

No. 236 8 Bars, Japanned, per dozen, \$2.50

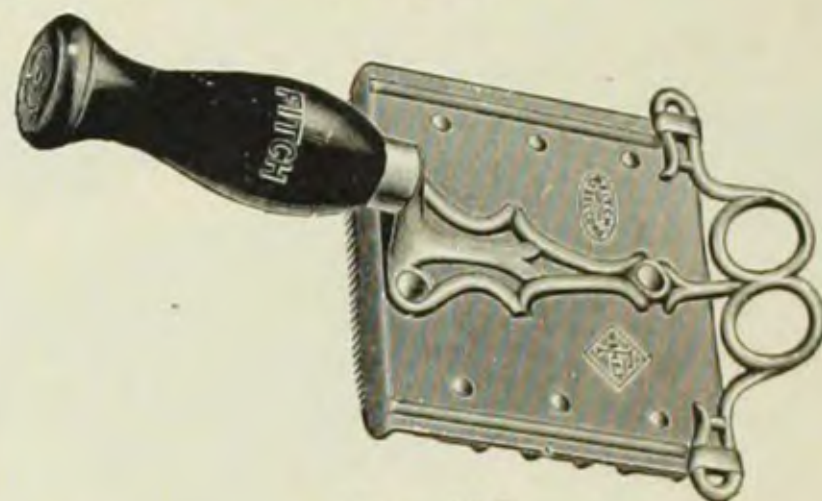


No. 239

STRAIGHT SHANK, MALLEABLE IRON BACK, RIVETED HANDLES

No. 239 7 Bars, Japanned, per dozen, \$1.90

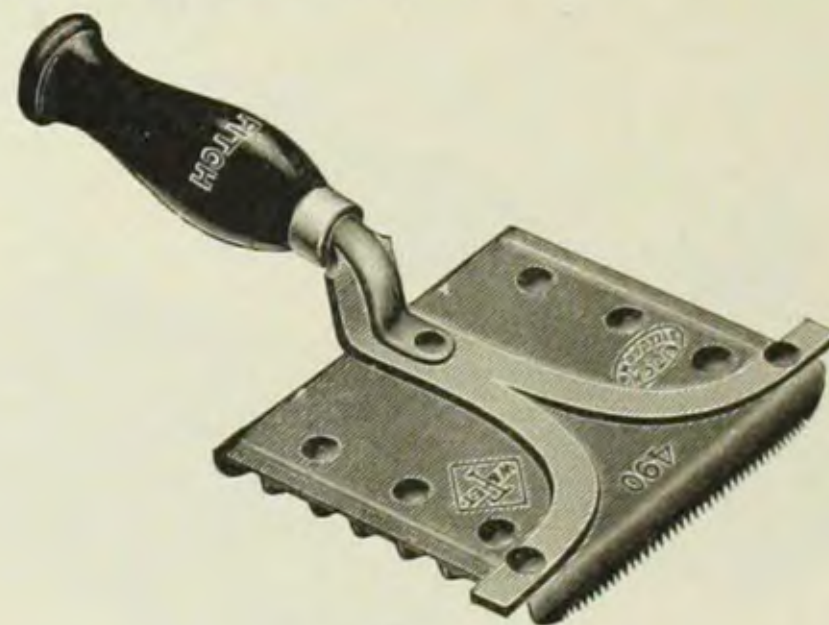
All above, one dozen in a box, twenty-four dozen in a case.



No. 480

STEEL, BLACK ENAMELED, RIVETED HANDLES

No. 480 8 Bars, Lacquered, per dozen, \$2.00

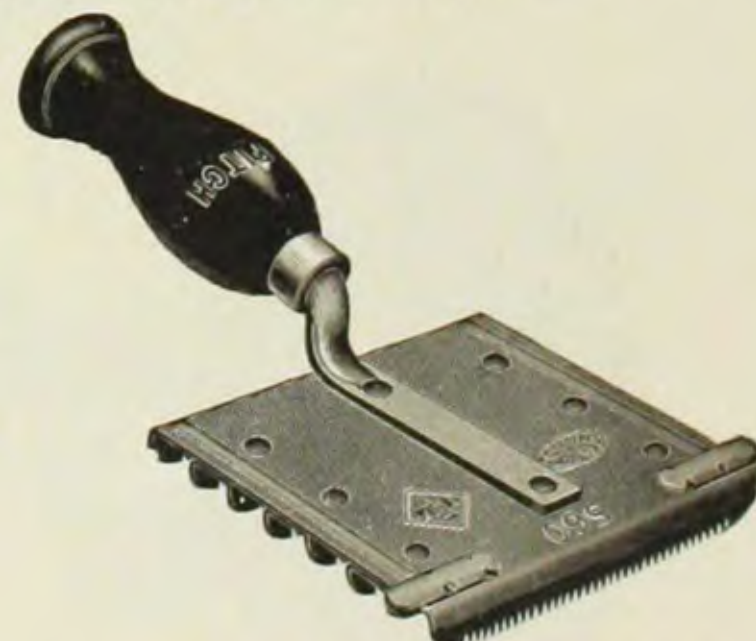


No. 490

STEEL, BLACK ENAMELED HANDLES, TANG THROUGH HANDLE AND RIVETED

No. 540 8 Bars, Lacquered, per doz., \$2.00

No. 490 8 " Heavy Lacquered, " " 2.20



No. 560

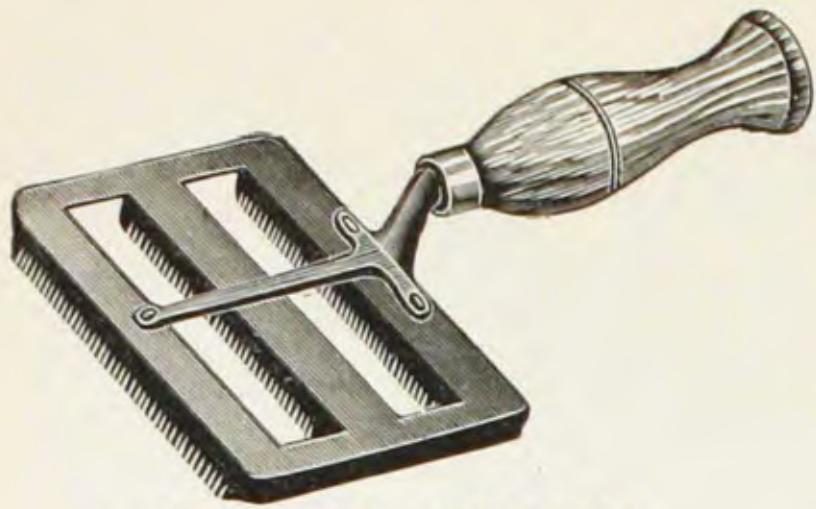
STEEL, BLACK ENAMELED, RIVETED HANDLES

No. 550 6 Bars, Lacquered, per dozen, \$1.20

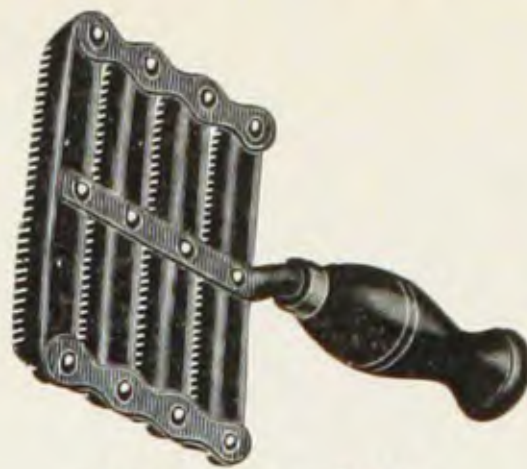
No. 560 8 " " " " 1.30



CURRY COMBS



Nos. 000 and 000½

Nos. 2 and 2½
WITH STEEL SHANKS

Nos. 10, 15, and 18

No.
000 6 Bars, Japanned,
000½ 6 " Tinned,

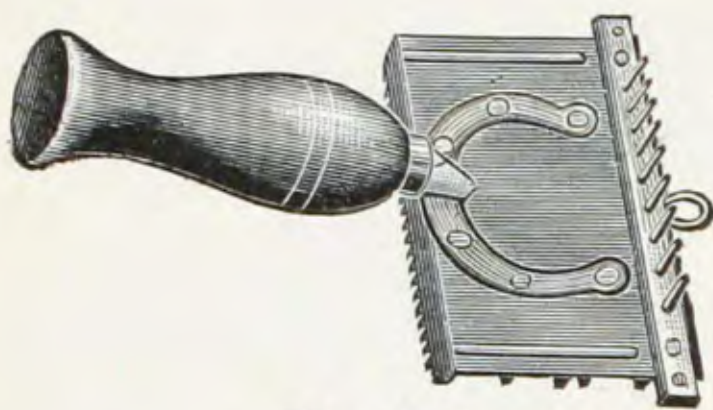
Per dozen.
\$0.55
.65

No.
1 6 Bars, Japanned,
2 8 " "
2½ 8 " Tinned,

Per dozen.
\$0.75
.90
1.00

No.
10 8 Bars, Japanned,
15 8 " Tinned,
18 8 " Brass, Tinned Frame,

Per dozen.
\$1.00
1.16
1.50



No. 322



Nos. 212 and 212½



Nos. 122 and 124

No.
322 6 Bars, Tinned,

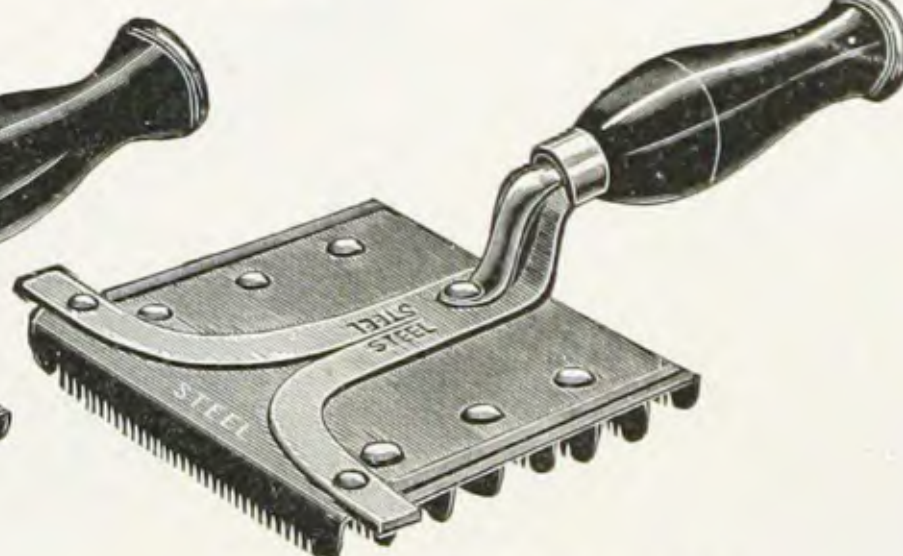
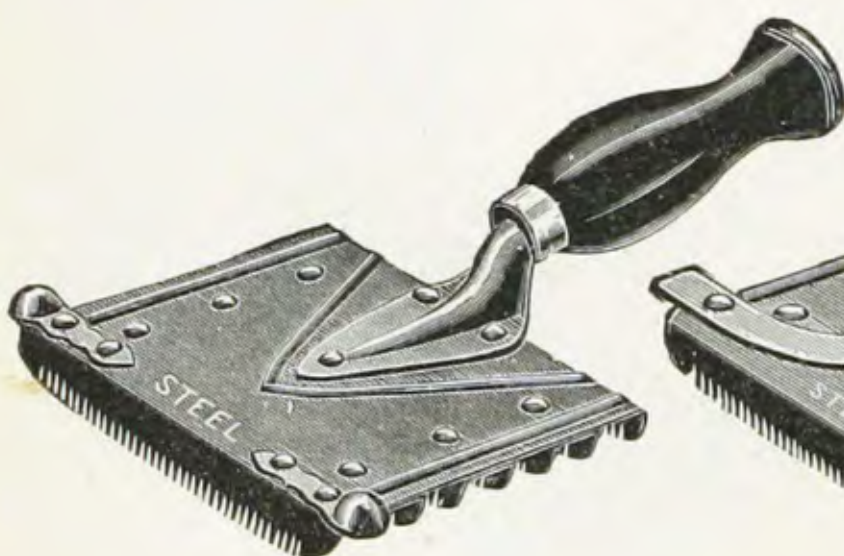
Per dozen.
\$1.20

No.
220 6 Bars, Japanned,
220½ 6 " Tinned,
212 8 " Japanned,
212½ 8 " Tinned,

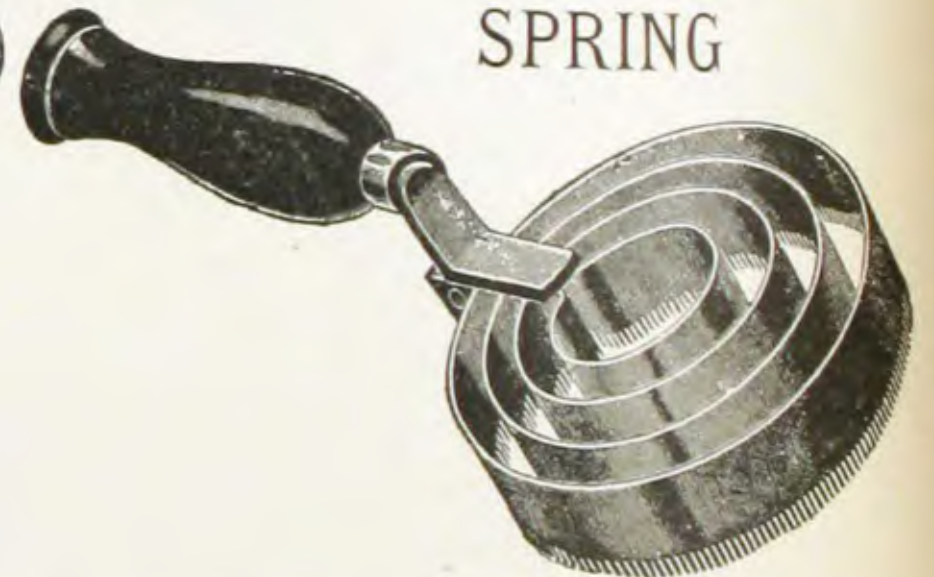
Per dozen.
\$1.20
1.30
1.60
1.80

No.
122 8 Bars, Japanned,
124 8 " Tinned,

Per dozen.
\$1.60
1.80



Nos. 78 and 1400



SPRING

SHANK THROUGH HANDLE AND
RIVETED

No.
99 8 Bars, Japanned,
199 8 " Tinned,
299 8 " Lacquered,

Per dozen.
\$1.30
1.60
1.40

Wrought Steel Shanks running
through Handles and Riveted; Shanks
Braced.

No.
78 8 Bars, Iron, Japanned,
Tinned Shank,
1400 8 Bars, Steel, Lacquered,

Per dozen.
\$2.00
2.00

SHANK THROUGH HANDLE, AND
RIVETED

No.
1600 Steel, Japanned,
One dozen in a box.

Per dozen.
\$2.70



Back

REFORM



Front

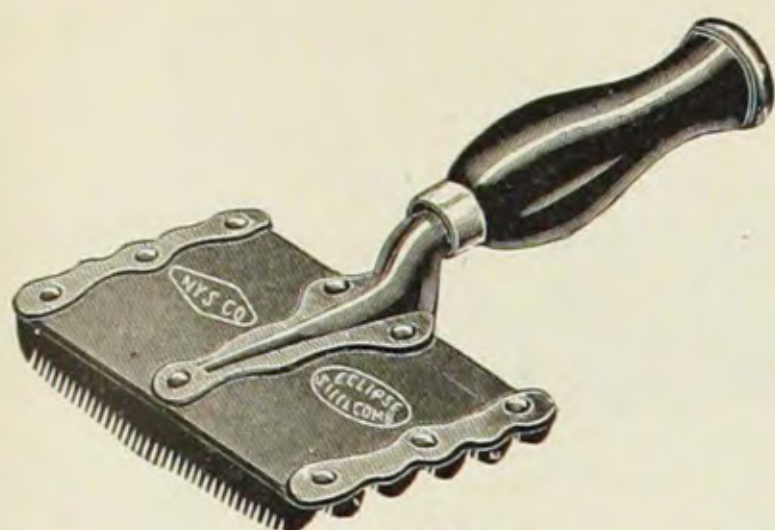
Cold Rolled Steel, Tinned, Brass Finish, Self-cleaning, 6½ × 4¼ inches,
One dozen in a box; eighteen dozen in a case.

per dozen, \$3.00



CURRY COMBS

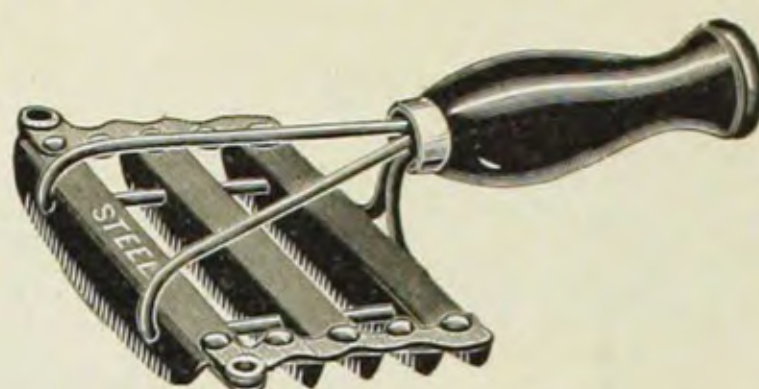
919



No. 19

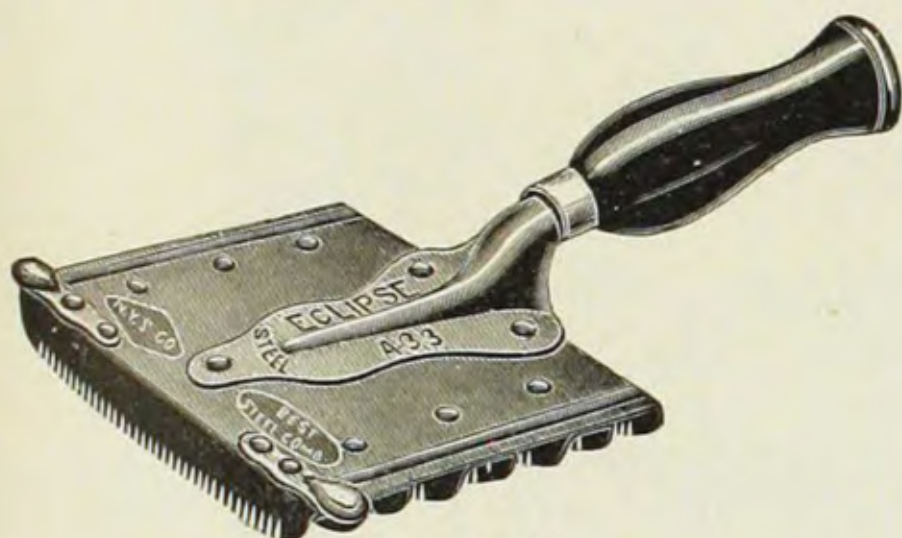
No. 19 6 Bars, Steel Japanned,
26 8 " " "

Per dozen.
\$1.40
1.70



Nos. 12, 13, and 14

No.	Description	Per dozen.
12	6 Bars, Japanned, Carmine Handle,	\$1.10
13	6 " Tinned, Enameled "	1.20
14	6 " Brass, " "	1.60
21	8 " Japanned, Carmine "	1.30
121	8 " Tinned, Enameled "	1.44
221	8 " Brass, " "	2.00



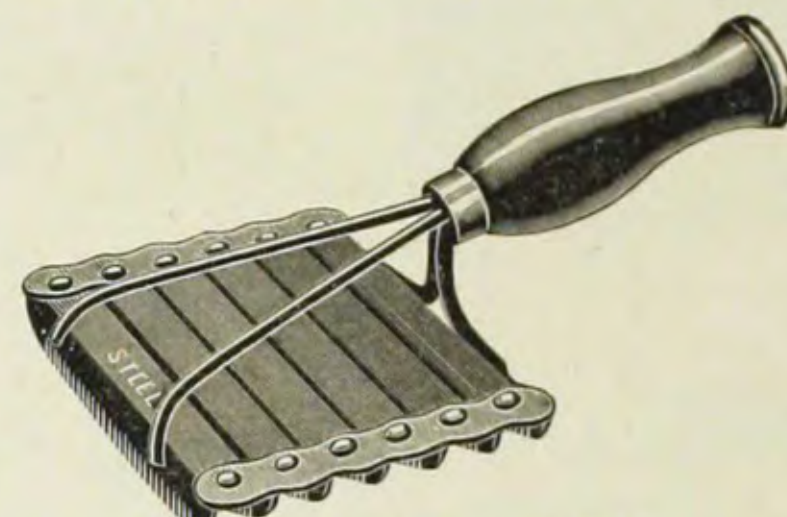
No. 433

ENAMELED HANDLES

Shanks extending through Handles and Riveted.

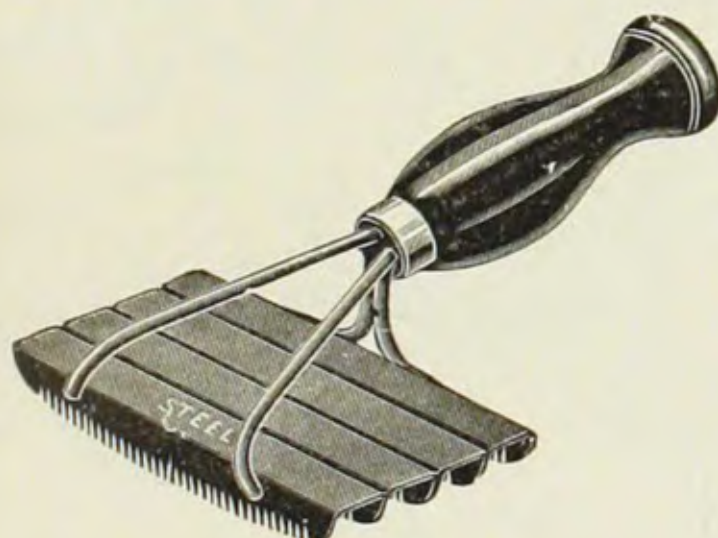
No. 433 8 Bars, Steel Lacquered,

Per dozen.
\$1.80



Nos. 31, 131, and 231

No.	Description	Per dozen.
30	6 Bars, Japanned, Carmine Handle,	\$1.20
130	6 " Tinned, Enameled "	1.34
230	6 " Brass, " "	1.90
31	7 " Japanned, Carmine "	1.40
131	7 " Tinned, Enameled "	1.60
231	7 " Brass, " "	2.30

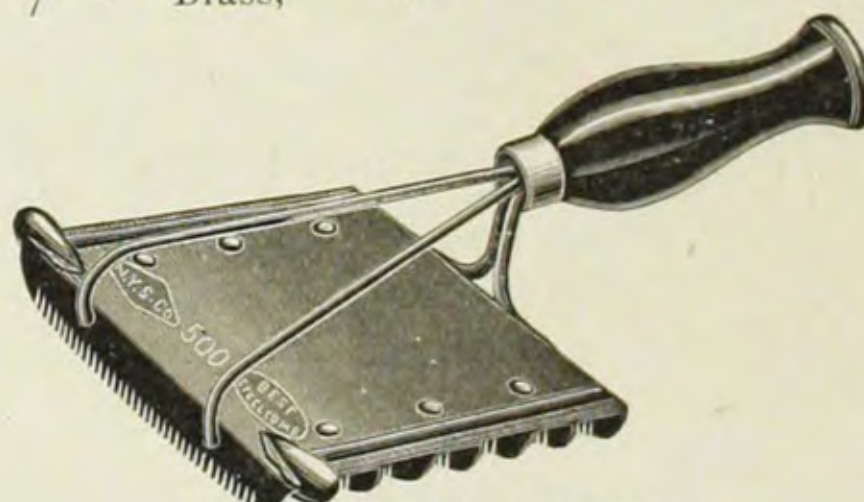


No. 11

CARMINE HANDLES

No. 11 5 Bars, Japanned,
29 6 " Lacquered,

Per dozen.
\$0.70
1.00

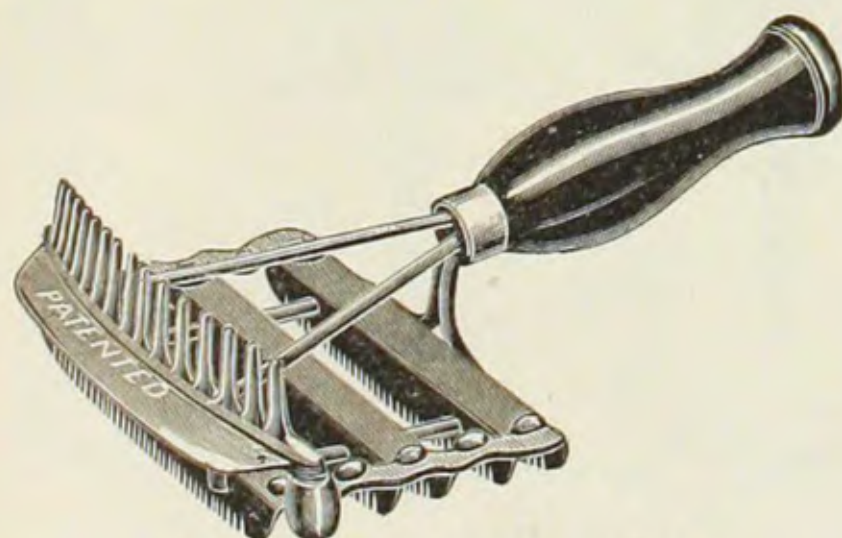


Nos. 500 and 501

STEEL, ENAMELED HANDLES

Shanks running through Handles and Riveted.

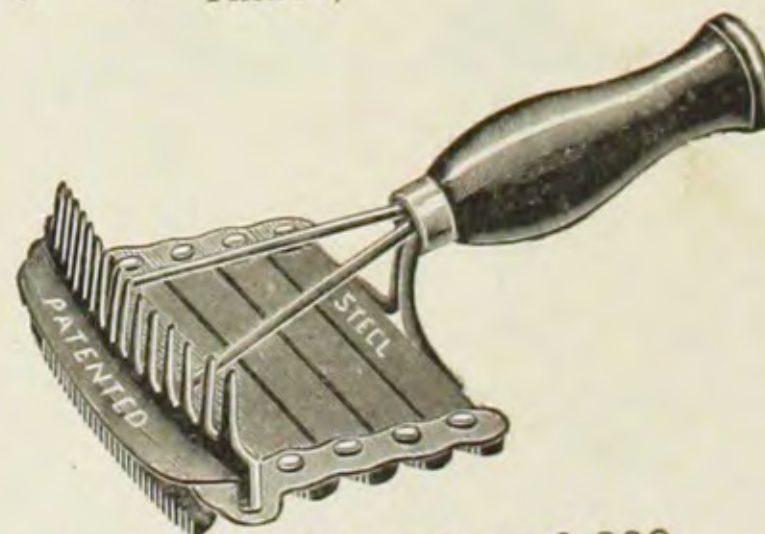
No.	Description	Per dozen.
504	6 Bars, Steel Lacquered,	\$1.50
500	8 " " "	1.80
501	8 " " Tinned,	2.00



Nos. 800, 180, and 280

No. 80 6 Bars, Japanned, Enameled Handle,
180 6 " Tinned, Enameled "
280 6 " Brass, " "

Per dozen.
\$1.50
1.70
2.00



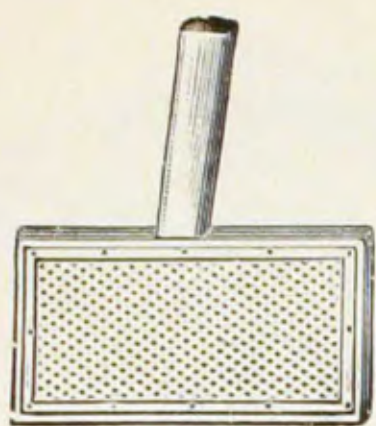
Nos. 900, 190, and 290

No.	Description	Per dozen.
90	6 Bars, Japanned, Enameled Handle,	\$1.60
190	6 " Tinned, Enameled "	1.80
290	6 " Brass, " "	2.30
91	7 " Japanned, Enameled "	1.80

All above, one dozen in a box; eighteen dozen in a case.



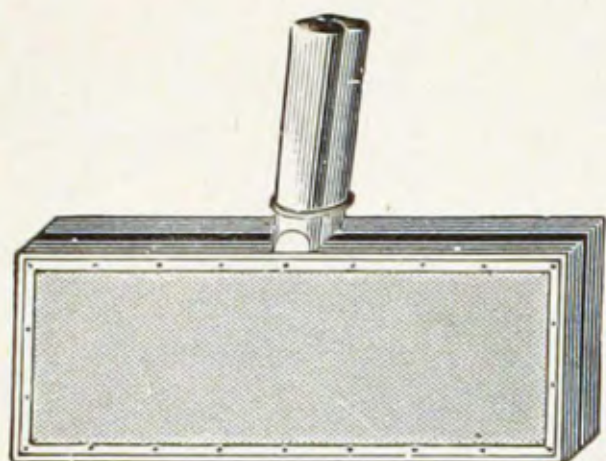
LEATHER HORSE CARDS



No.		Size, inches.	Per single doz.
1	Large Horse Cards, bound,	$8\frac{1}{4} \times 3\frac{1}{2}$	\$0.90
2	" " " not bound,	$8\frac{1}{4} \times 3\frac{1}{2}$	.85
3	Small " " bound,	$5\frac{3}{4} \times 3\frac{1}{2}$	.80
4	" " " not bound,	$5\frac{3}{4} \times 3\frac{1}{2}$	.75
04	" " " leather board, not bound,	$5\frac{3}{4} \times 3\frac{1}{2}$	.50

Nos. 1 and 2, eight single dozen in a case; Nos. 3, 4, and 04, twelve single dozen.

COTTON CARDS



No.		Size, inches.	Per doz. prs.
10	A1 Plantation,	$10\frac{7}{8} \times 4\frac{5}{8}$	\$5.00
10	A Widow Whittemore,	$10\frac{7}{8} \times 4\frac{5}{8}$	4.75
10	B Whittemore,	$10\frac{3}{8} \times 4\frac{3}{8}$	4.50
9	Cotton,	$9\frac{3}{4} \times 4\frac{3}{8}$	4.25

One dozen pairs in a case.

WOOL AND JIM CROW CARDS

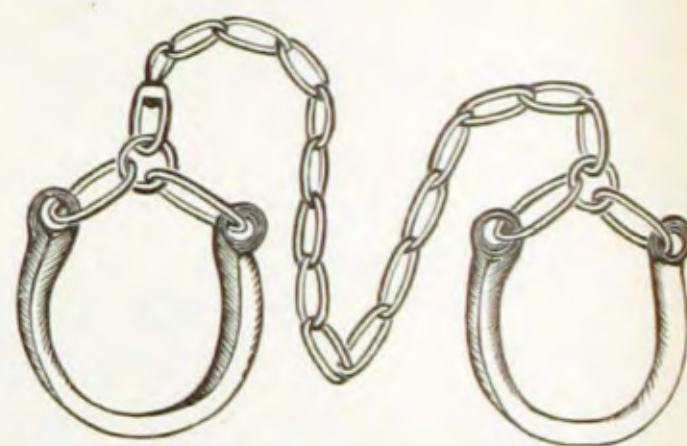
No.		Size, inches.	Per doz. prs.
8	A Wool,	$9\frac{3}{4} \times 4\frac{3}{8}$	\$3.00
8	B " "	$9\frac{1}{4} \times 4\frac{1}{4}$	2.75
5	" " Canada size,	$8\frac{3}{4} \times 4\frac{7}{8}$	3.00
9	" " " "	$9 \times 5\frac{1}{2}$	3.80
	Tow Cards, No. 22 Wire,	$9\frac{3}{4} \times 4\frac{3}{8}$	3.00
	Mixing Cards, No. 28 Wire,	$9\frac{3}{4} \times 4\frac{3}{8}$	3.80

Per single dozen.

Jim Crow Cards, { 1 doz. in a box, }
 { 6 " " case, } \$0.75

One dozen pairs in a case.

IMPROVED HORSE HOPPLES



No.		Per dozen.
1	Plain,	\$7.50
2	Bows covered with leather,	9.00

CARRIAGE KNOBS

ILLUSTRATIONS, FULL-SIZE



Nos. 2



3



40



75



85



95



575

JAPPANED

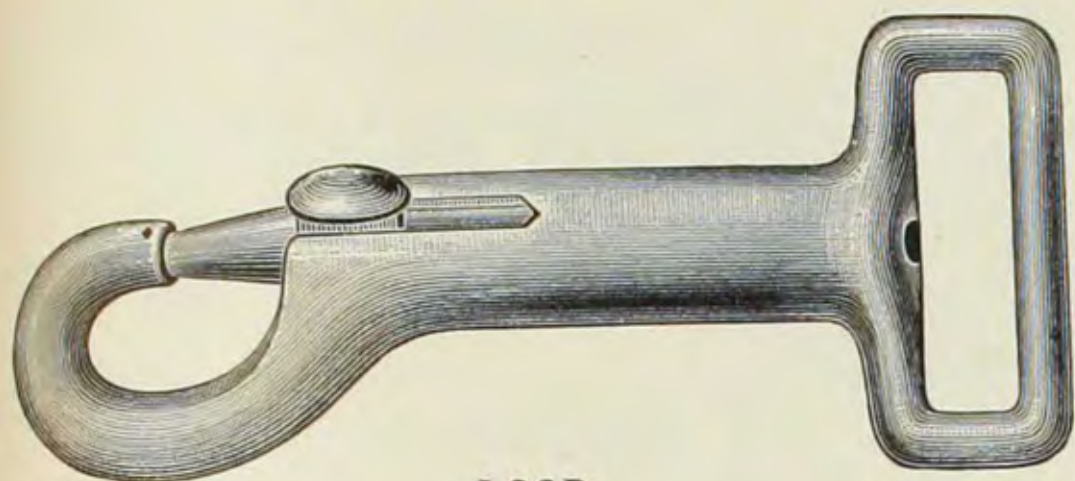
Nos.	2	3	40	75	85	95	575
Per gross,	\$0.80	.80	.80	.80	.80	.80	.80

One gross in a box.



COVERT'S PATENT HARNESS SNAPS

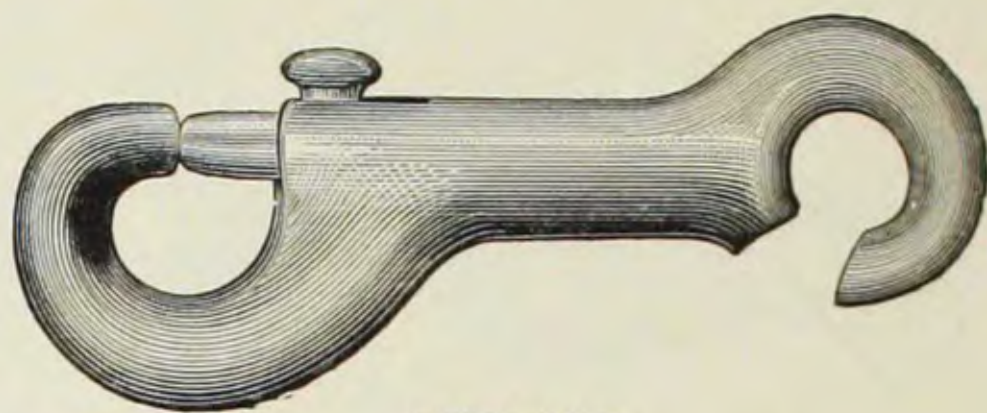
921



LOOP

Nos.	2	4	6	8	10
Size, inches,	$\frac{3}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Per gross,	\$5.20	5.55	5.63	6.00	8.63
Nos.	12	14	16	18	
Size, inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	
Per gross,	\$9.88	10.63	12.25	13.20	

Nos. 2 to 10 half gross in a box; others, one-third gross.

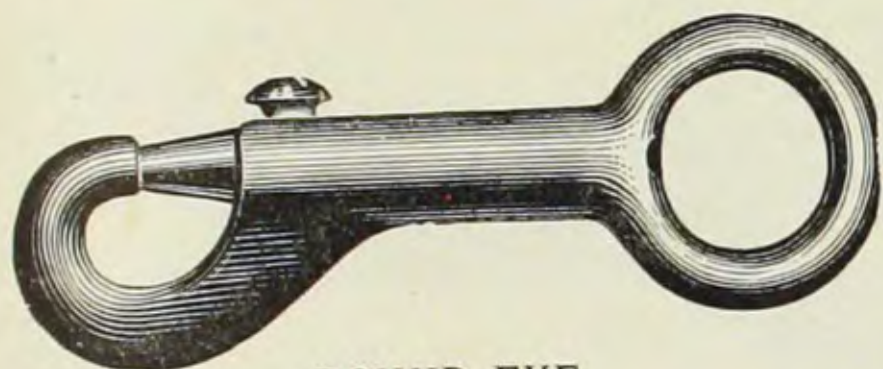


OPEN EYE

These Snaps are made in three sizes, and can be firmly attached by simply closing the eye upon the bit, chain, trace, or any ring, as may be desired, and entirely obviates the use and expense of an S hook.

No. 44	Bit Snap,	per gross, \$7.50
No. 46	Chain Snap,	" " 8.12
No. 48	Trace "	" " 11.88

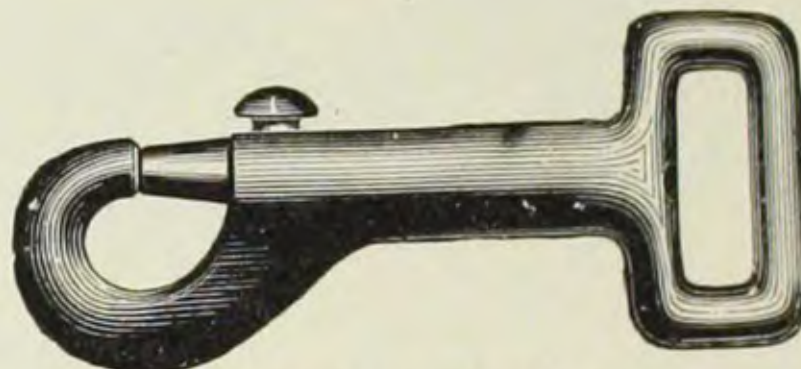
One-third gross in a box.



ROUND EYE

No. 26	$\frac{3}{8}$ inch,	per gross, \$6.20
No. 28	$\frac{1}{2}$ "	" " 6.75
No. 30	$\frac{3}{4}$ "	" " 7.88
No. 38	Trace Snap,	" " 12.80
No. 7	Giant, $4\frac{1}{2}$ inches long,	" dozen, 3.12

Nos. 26 to 32, half gross in a box; No. 38, one-third gross; No. 7, three dozen.

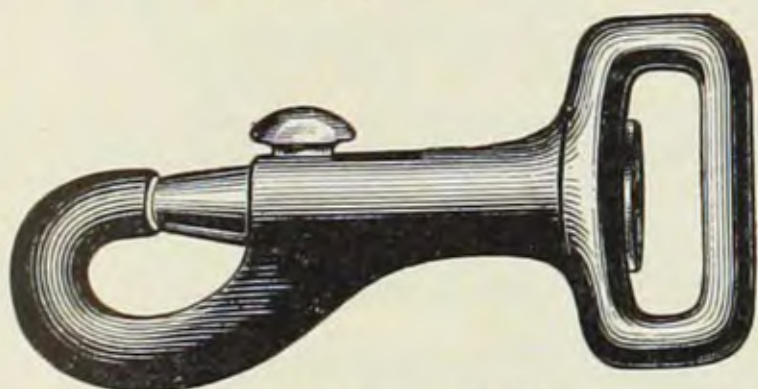


MARTINGALE LOOP

The Loop on this Snap is placed at the same angle as the Hook, and not at right angles thereto, as is the case with the regular Loop Harness Snap.

No. 49	$1\frac{1}{2}$ inches,	per gross, \$9.60
No. 51	$1\frac{3}{4}$ "	" " 12.50

Quarter gross in a box.

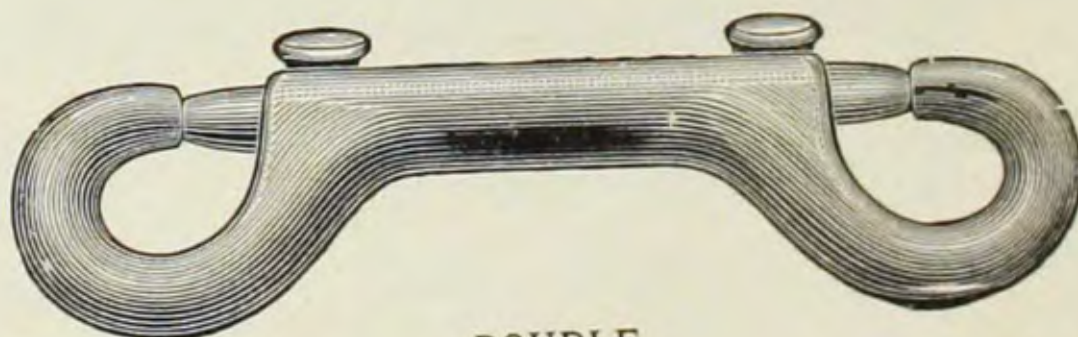


SWIVEL LOOP

This Snap is designed for use on straps and will be found of decided advantage in many respects. It is already used largely by stockmen and owners of cattle generally, as well as in many other branches of trade.

Nos.	37	39	41	42	43	45
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per gross,	\$12.80	13.60	14.40	15.20	16.00	16.80

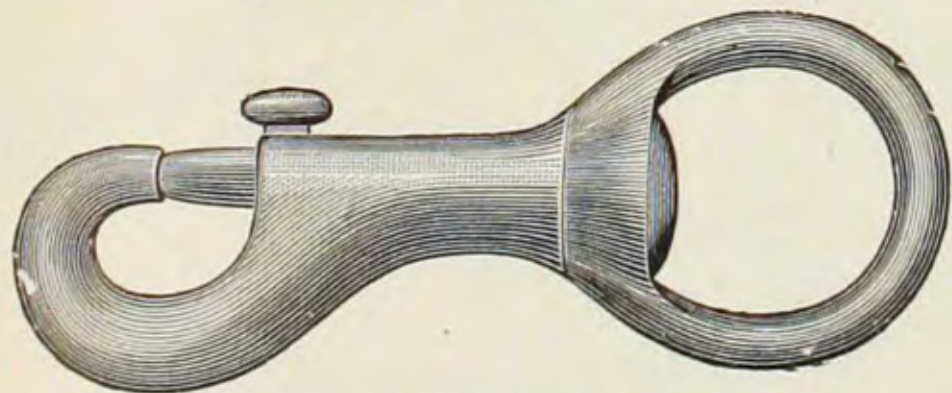
Quarter gross in a box.



DOUBLE

No. 510	Bit Snap,	per gross, \$9.00
No. 511	Trace "	" " 10.80
No. 512	Breast Chain Snap,	" " 13.50

Half gross in a box.



SWIVEL ROUND EYE
FOR LARIATS AND ROPE GOODS

No. 50	$\frac{5}{8}$ inch,	per gross, \$7.90
No. 40	$\frac{3}{4}$ "	" " 9.00
No. 9	$\frac{7}{8}$ "	" " 10.00
No. 3	1 " $4\frac{1}{2}$ inches long,	" " 17.20

Nos. 50 to 9, half gross in a box; No. 3, quarter gross.



DOUBLE STEEL SPRING

No. 513		per gross, \$4.75
No. 513 $\frac{1}{2}$		" " 6.70
No. 514		" " 9.30
No. 515	Heavy,	" " 13.20

Half gross in a box.



COVERT'S PATENT SNAP AND THIMBLE

FOR HORSE AND CATTLE TIES



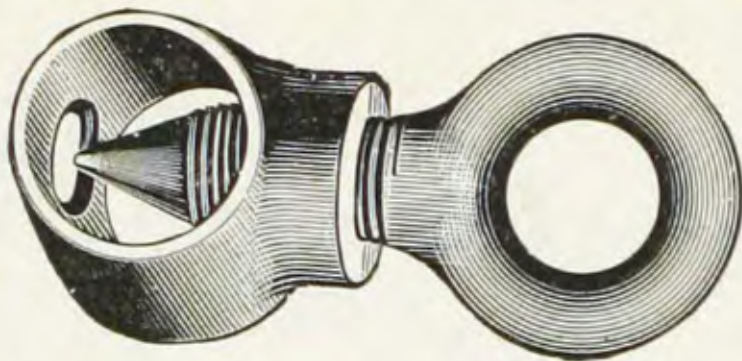
No. 280 $\frac{3}{4}$ in. Snap, and $\frac{1}{2}$ in. Thimble, per gross, \$11.00
 No. 282 $\frac{3}{4}$ " " " $\frac{5}{8}$ " " " " 12.15
 No. 283 $\frac{3}{4}$ " " " $\frac{3}{4}$ " " " " 13.25

Quarter gross each Snaps and Thimbles in a box.

COVERT'S PATENT THIMBLES

With Penetrating Point.

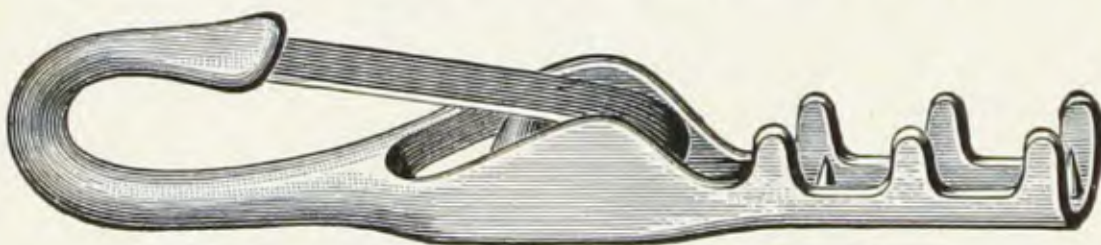
FOR HORSE AND CATTLE TIES



No. 62 $\frac{1}{2}$ inch, per gross, \$5.75
 No. 64 $\frac{5}{8}$ " " " 6.75
 No. 65 $\frac{3}{4}$ " " " 9.00

Half gross in a box.

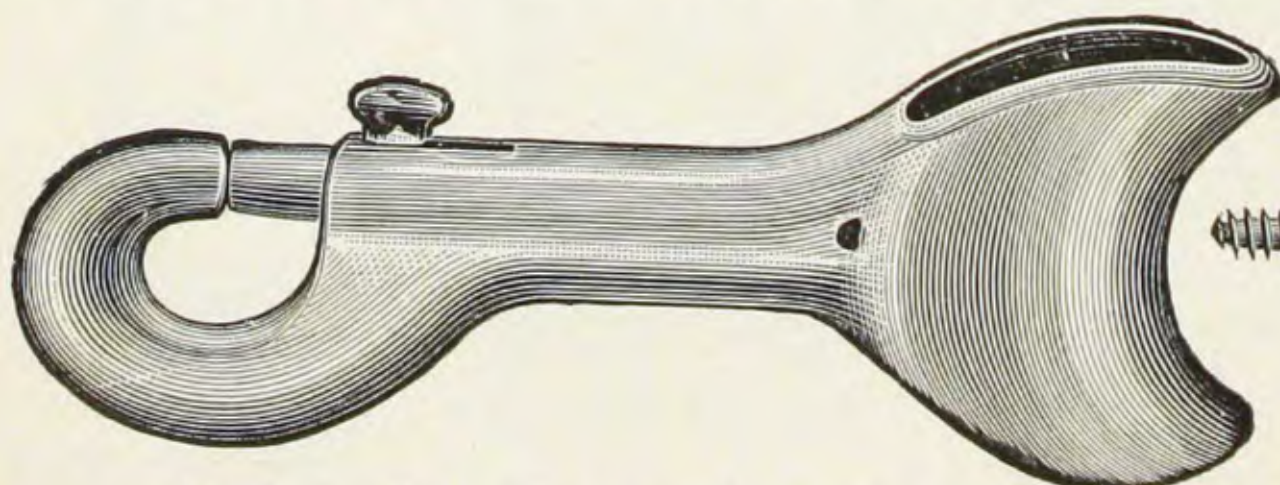
COVERT'S ROPE SNAPS



No. 722 $\frac{1}{4}$ inch, per gross, \$3.00
 No. 723 $\frac{3}{8}$ " " " 3.75
 No. 724 $\frac{7}{8}$ " " " 4.20
 No. 725 $\frac{1}{2}$ " " " 6.50

Half gross in a box.

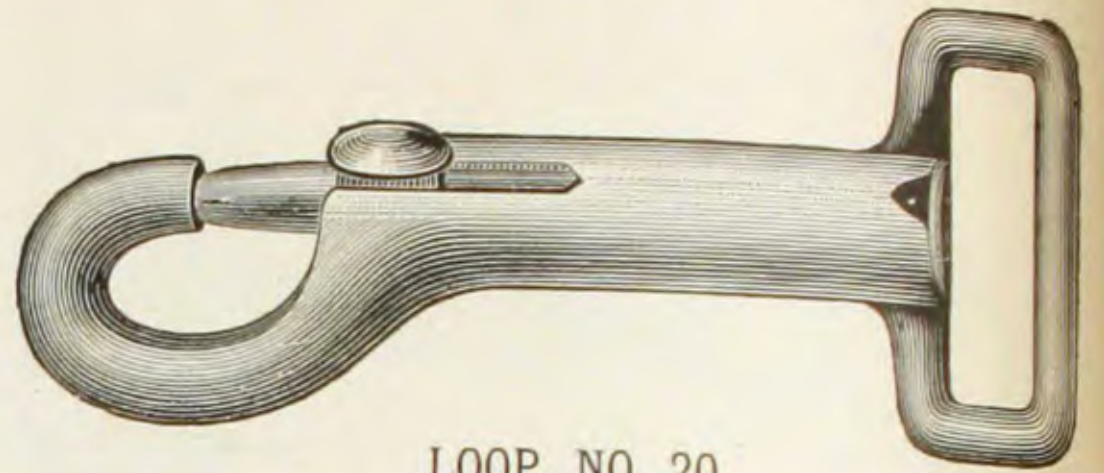
COVERT'S CENTER BREAST CHAIN SNAPS



Can be used on all styles of Breast Chains.

No. 223 per dozen, \$5.00
 One dozen in a box.

COVERT'S TROJAN SNAPS



LOOP, NO. 20

Size, inches,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Per gross,	\$3.75	3.90	4.10	4.38	6.00
Size, inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	
Per gross,	\$7.10	8.00	8.70	9.80	

$\frac{5}{8}$ to $1\frac{1}{8}$ inches, half gross in a box; others, one-third gross.



ROUND EYE, NO. 19

Size, inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per gross,	\$4.50	4.60	4.70

Half gross in a box.

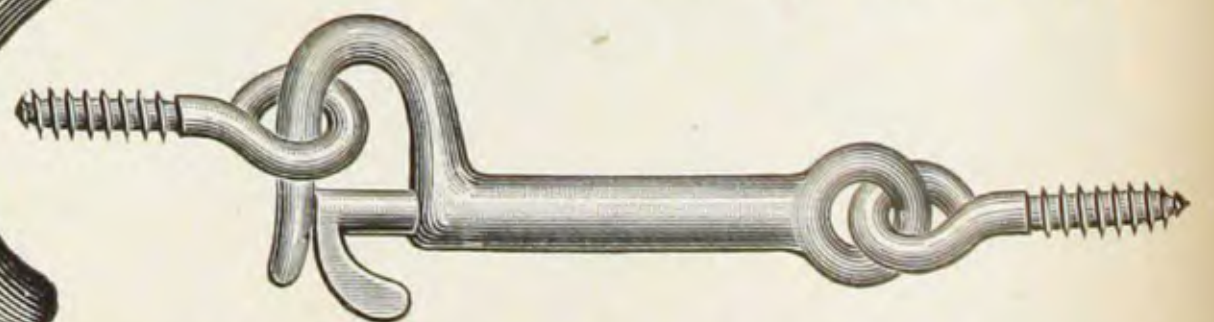
COVERT'S TROJAN OPEN EYE SNAPS



No. 520 Light, per gross, \$4.25
 No. 521 Chain Snap, " " 5.25
 No. 522 Trace " " 7.75

Nos. 520 and 521, half gross in a box;
 No. 522, one-third gross.

COVERT'S SAFETY GATE HOOKS

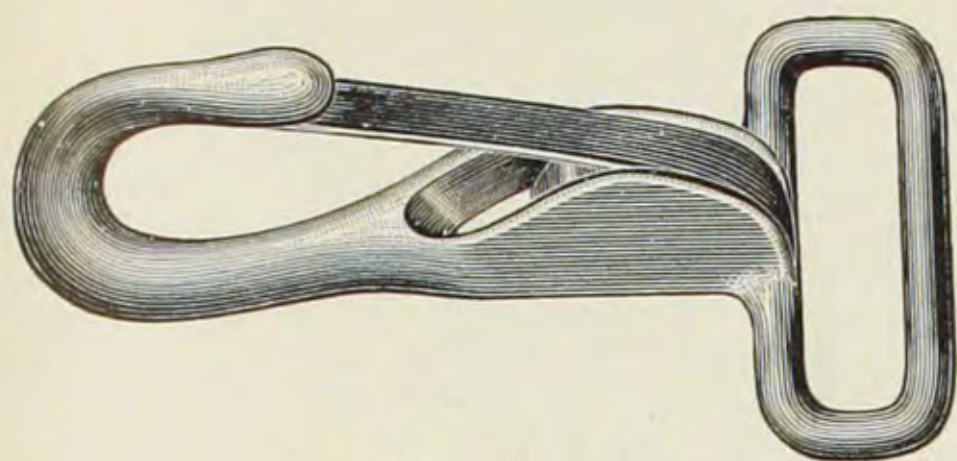


No. 440	3 inches,	per gross, \$8.10
No. 441	4 " "	" " 9.20
No. 442	5 " "	" " 10.00
No. 443	6 " "	" " 11.00

Quarter gross in a box.



COVERT'S JOCKEY SNAPS



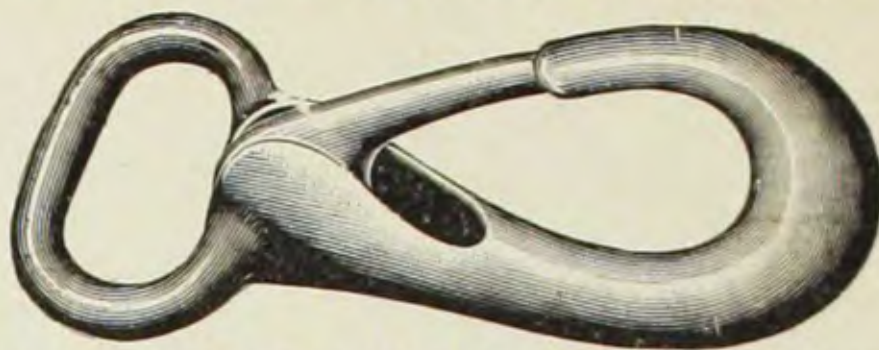
LOOP, NO. 25

Size, inches, Per gross,	$\frac{5}{8}$ \$3.00	$\frac{3}{4}$ 3.15	$\frac{7}{8}$ 3.35	1 3.55	$1\frac{1}{8}$ 5.10
Size, inches, Per gross,	$1\frac{1}{4}$ \$6.10	$1\frac{1}{2}$ 6.75	$1\frac{3}{4}$ 7.50	2 8.25	

$\frac{5}{8}$ to $1\frac{1}{8}$ inches, half gross in a box; others one-third gross.

U. S. A. HARNESS SNAPS

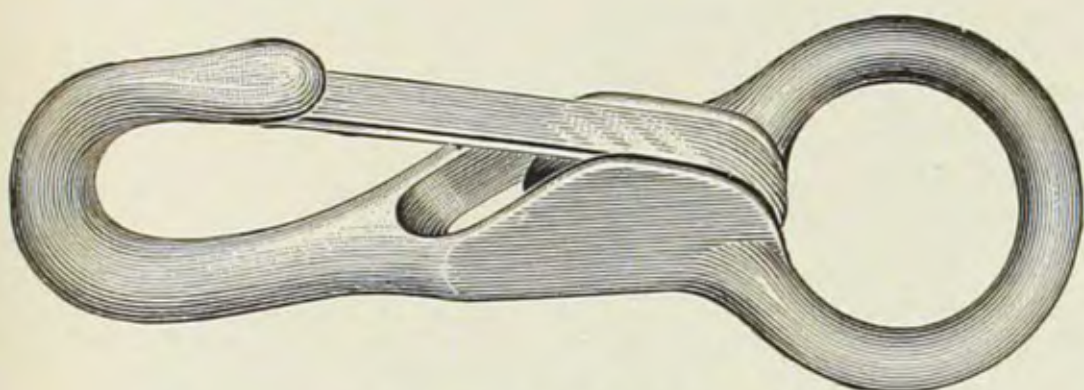
923



TINNED, WITH ALUMINIZED STEEL SPRINGS
RUST PROOF

Loop, inches, Per gross,	$\frac{3}{4}$ \$6.00	$\frac{7}{8}$ 6.00	1 6.00	$1\frac{1}{4}$ 8.25
Loop, inches, Per gross,	$1\frac{1}{2}$ \$9.00	$1\frac{3}{4}$ 10.50	2 12.00	
Round Eye, inches, Per gross,				$\frac{3}{4}$ \$9.00

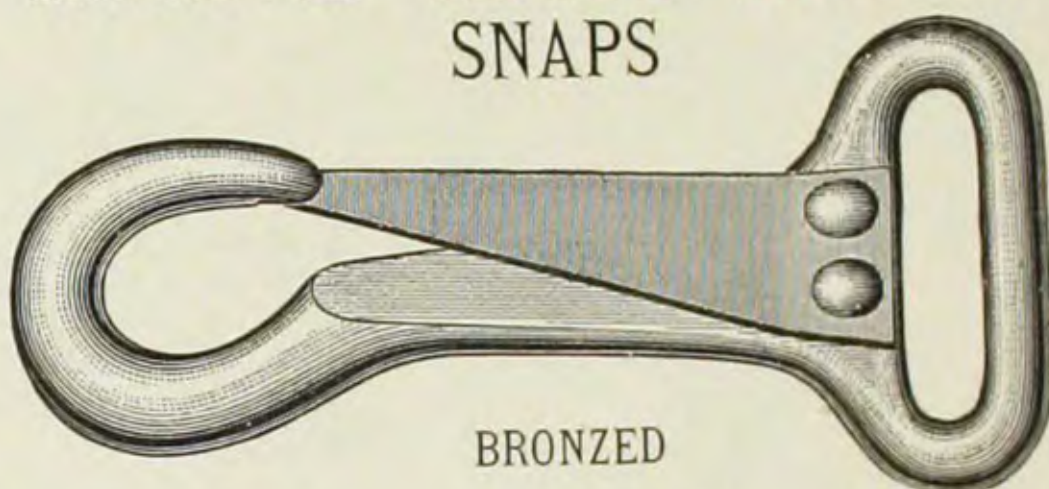
IMPROVED GERMAN HARNESS SNAPS



ROUND EYE, NO. 24

Size, inches, Per gross,	$\frac{1}{2}$ \$3.75	$\frac{5}{8}$ 3.80	$\frac{3}{4}$ 3.85
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Half gross in a box.



BRONZED

Loop, inches, Per gross,	$\frac{5}{8}$ \$2.20	$\frac{3}{4}$ 2.40	$\frac{7}{8}$ 2.40	1 2.40
Loop, inches, Per gross,	$1\frac{1}{4}$ \$4.20	$1\frac{1}{2}$ 5.50	$1\frac{3}{4}$ 7.00	2 8.00
Round Eye, inches, Per gross,	$\frac{3}{8}$ \$2.00	$\frac{1}{2}$ 2.40	$\frac{5}{8}$ 3.20	$\frac{3}{4}$ 4.00

LYTLE BULL LEADS



No. 236 $4\frac{1}{2}$ feet long, per dozen, \$8.75

ROYAL FLAT SPRING HARNESS SNAPS



TINNED, WITH ALUMINIZED STEEL SPRINGS
RUST PROOF

Loop, inches, Per gross,	$\frac{5}{8}$ \$2.84	$\frac{3}{4}$ 2.96	$\frac{7}{8}$ 3.16	1 3.36	$1\frac{1}{8}$ 4.78
Loop, inches, Per gross,	$1\frac{1}{4}$ \$5.76	$1\frac{1}{2}$ 6.40	$1\frac{3}{4}$ 7.06	2 9.90	
Round Eye, inches, Per gross,		$\frac{5}{8}$ \$3.60		$\frac{3}{4}$ 3.60	

Above, up to one inch, half gross in a box;
others, quarter gross.

COVERT'S BULL SNAPS



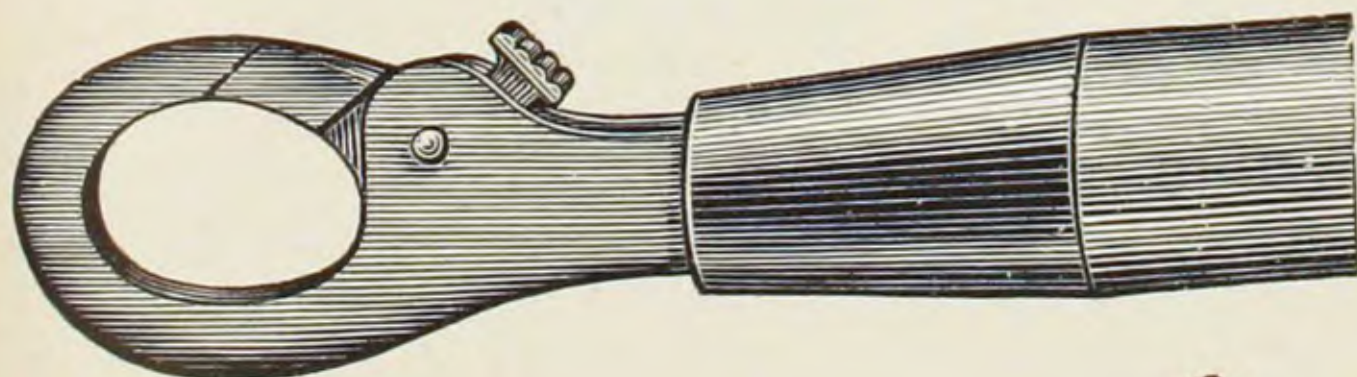
No. 238 With Ferrule, Screw Eyes, and Cord, per dozen, \$3.75
One dozen in a box.

VICTOR BULL SNAPS

Made with Oval eye, $1\frac{3}{8} \times \frac{1}{8}$ inch, with opening that will admit ring made from $\frac{3}{8}$ inch stock. Staffs are five feet long, made from best ash wood. These Snaps are very RELIABLE, SAFE, and STRONG.

No. 11	Without Staff,	per dozen, \$4.00
No. 12	With Staff,	" " 8.00

No. 11, one dozen in a box.



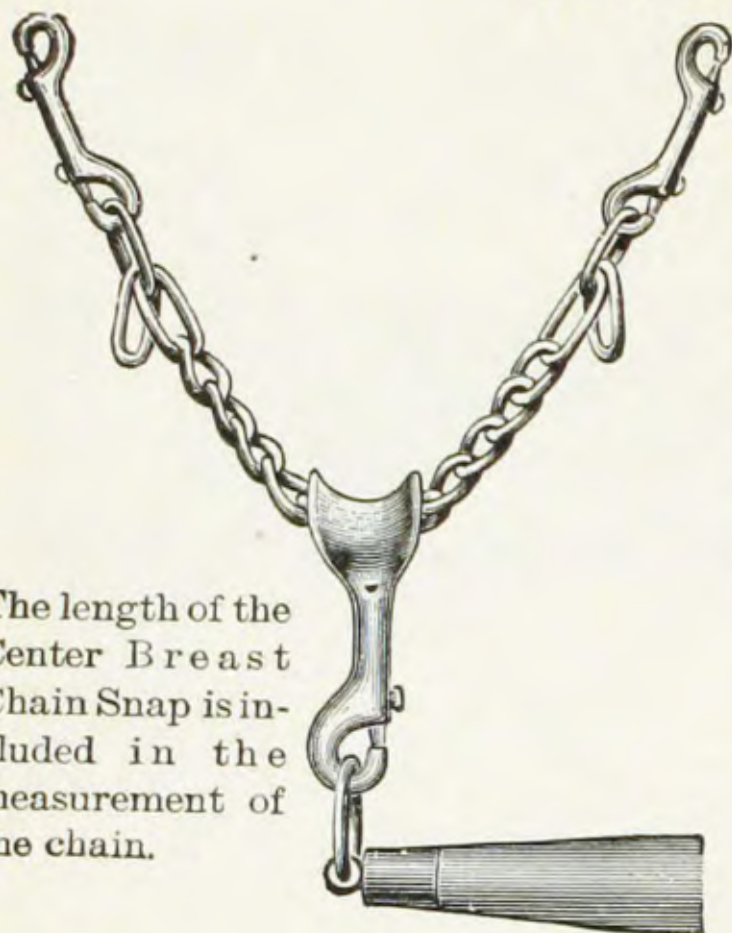
COVERT'S PATENT BREAST CHAINS



C PLATE

No.		Per dozen pairs.
200	24 inches,	\$11.20
204	28 "	12.80
206	32 "	14.40
208	36 "	16.00
250	40 "	17.60
251	44 "	19.20

COVERT'S NEW PATENT BREAST CHAINS



The length of the Center Breast Chain Snap is included in the measurement of the chain.

C PLATE

No.		Per dozen pairs.
218	28 inches,	\$16.00
220	32 "	18.00
222	36 "	20.00
217	40 "	22.00
219	44 "	24.00
221	48 "	26.00

Above, quarter dozen pairs in a box.

COVERT'S PATENT ROPE HORSE TIES



TWO SNAPS

No.		Per dozen.
66	1/2 in. Hemp, 10 ft.,	\$6.40
600	1/2 " Cotton, 11 "	8.25
525	1/2 " Jute, 10 "	3.22
100	1/2 " Sisal, 10 "	3.22

ONE SNAP

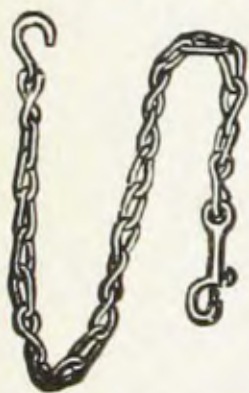
No.		Per dozen.
68	1/2 in. Hemp, 10 ft.,	\$4.80
602	1/2 " Cotton, 11 "	7.25
526	1/2 " Jute, 10 "	2.40
101	1/2 " Sisal, 10 "	2.40

COVERT'S PATENT CATTLE TIES



No.		Per dozen.
78	1/2 in. Hemp, 8 1/2 ft.,	\$4.40
524	1/2 " Jute, 8 1/2 "	2.00
102	1/2 " Sisal, 8 1/2 "	2.00

COVERT'S CHAINS FOR HITCHING POST

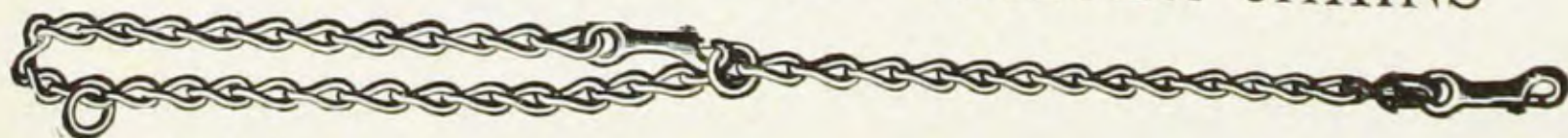


No. 254

per dozen, \$3.75

One dozen in a box.

COVERT'S NEW PATENT HALTER CHAINS

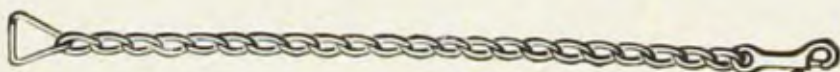
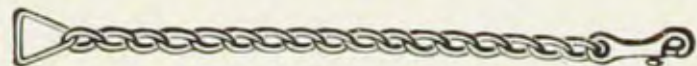
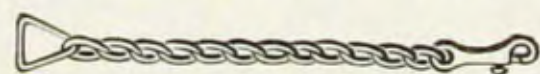


No. 232 No. 8,
No. 234 No. 6,

Half dozen in a box.

per dozen, \$6.00
" " 7.50

COVERT'S REIN CHAINS



No. 244 12 inches,
No. 246 18 "
No. 248 24 "
No. 249 36 "

per dozen, \$1.62
" " 2.20
" " 2.82
" " 4.08

Two dozen in a box.

COVERT'S ADJUSTABLE ROPE HALTERS



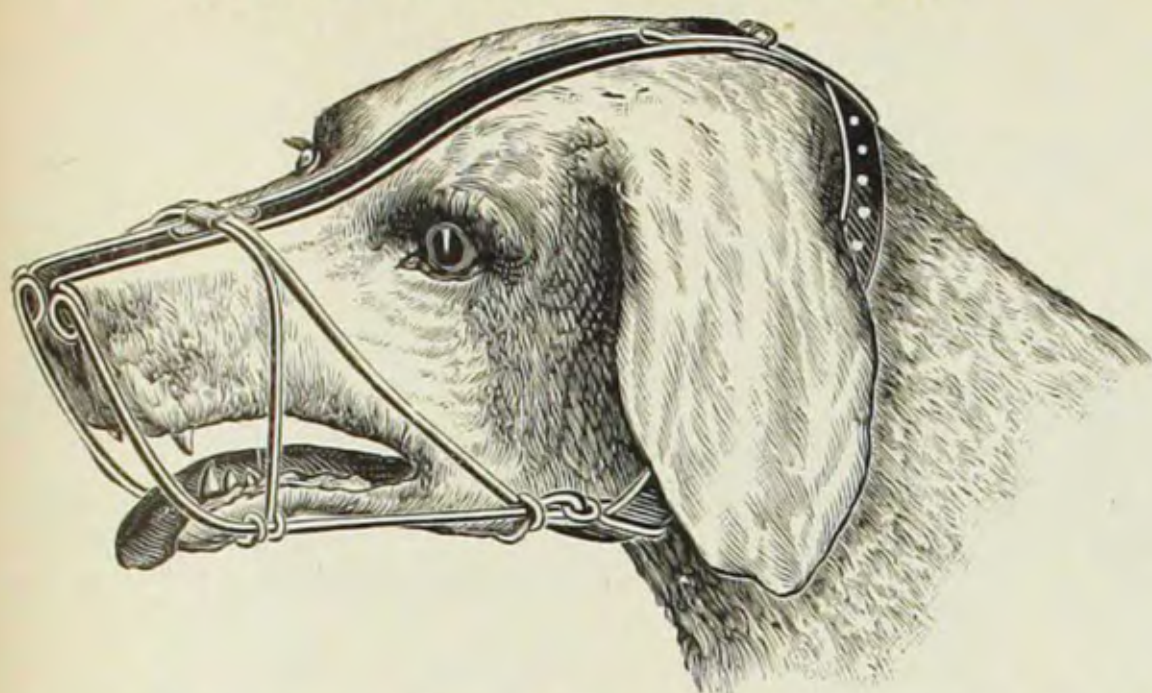
The first and only adjustable Rope Halter manufactured. It can be quickly and easily adjusted to fit the smallest colt or largest horse, and remains firm and immovable until a change is required.

No. 310 1/2 inch Hemp,
No. 304 1/2 " Jute,
No. 312 1/2 " Sisal,
No. 302 7/8 " Jute,
No. 314 7/8 " Sisal,

per dozen, \$6.75
" " 2.60
" " 2.60
" " 2.30
" " 2.30



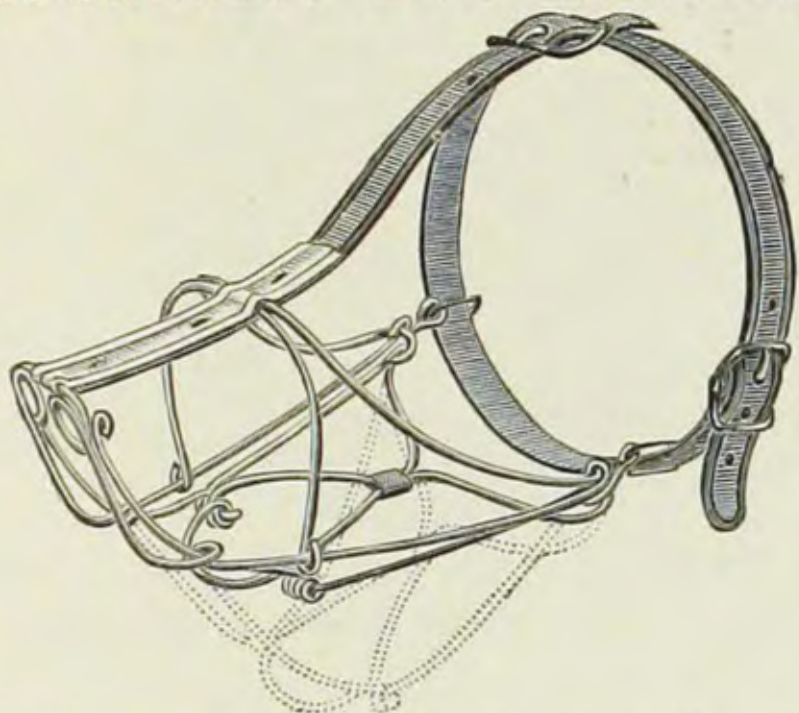
SAFETY DOG MUZZLES



Assorted sizes, Nos. 1 to 6, per dozen, \$2.50

Nos.	1	2	3	4	5	6
Per dozen,	\$2.25	2.50	2.50	2.70	2.70	2.70

AUTOMATIC DOG MUZZLES



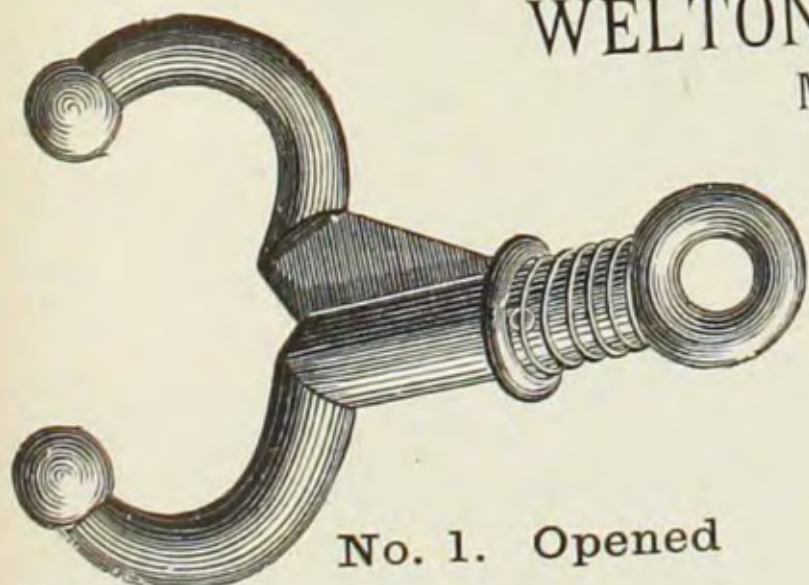
Assorted sizes, Nos. 1 to 9, per dozen, \$6.00

Nos.	1	2	3	4	5
Per dozen,	\$4.50	4.50	5.75	6.00	6.00
Nos.	6	7	8	9	
Per dozen,	\$6.00	6.50	7.00	8.00	

ADJUSTABLE LEATHER DOG MUZZLES

MADE OF RUSSET, RED, OR BLACK LEATHER

Can be shortened or lengthened to fit the dog.
 1/2 inch wide, suitable for Black-and-Tan or small Dogs, per dozen, \$2.00
 5/8 inch wide, suitable for Setters, Pointers, or medium Dogs, per dozen, 3.00
 1 inch wide, suitable for Mastiffs or large Dogs, per dozen, 9.00



No. 1. Opened

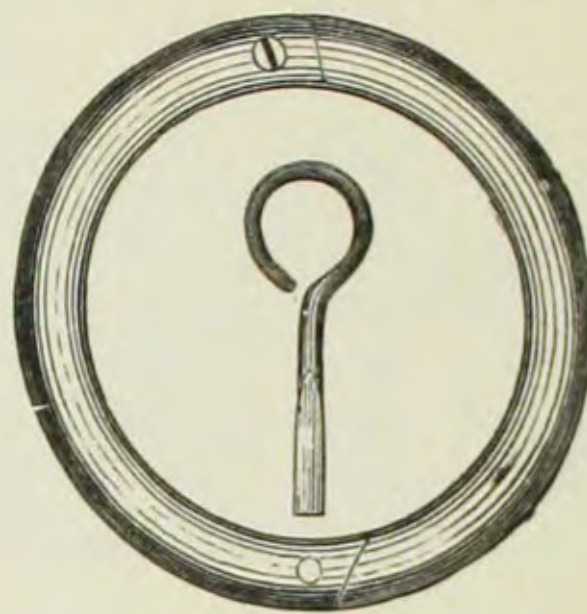
Nos.
Per dozen,

I
\$2.10
One dozen in a box.



BULL RINGS WITH SCREW-DRIVERS

925



STEEL

Nos.	0	1	2
Size, inches,	2	2 1/2	3
Per dozen,	\$4.50	5.00	5.25

COPPER

Nos.	4	4 1/2	5	6
Size, inches,	2	2 1/4	2 1/2	3
Per dozen,	\$6.00	7.00	7.00	8.00

NICKEL-PLATED

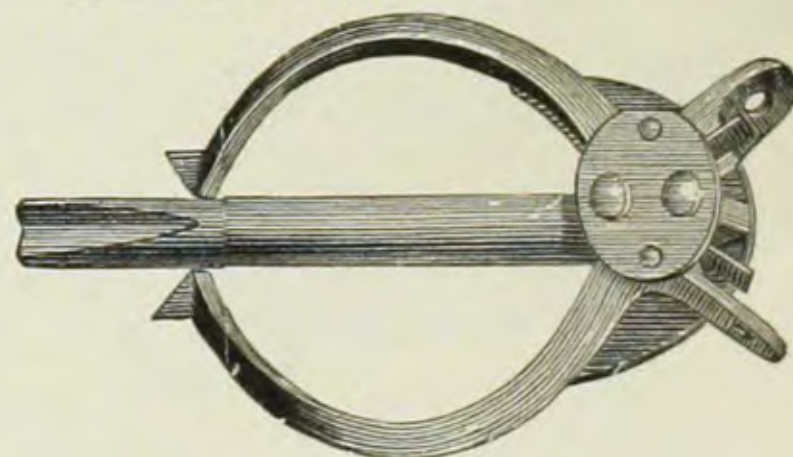
Nos.	7	8	9
Size, inches,	2	2 1/2	3
Per dozen,	\$6.00	7.00	8.00

One dozen in a box.

HOTCHKISS' PATENT OX YOKE BOW PINS

EXTRA HEAVY, MADE FROM BEST MALLEABLE IRON

ILLUSTRATION, ABOUT HALF-SIZE



No. 2

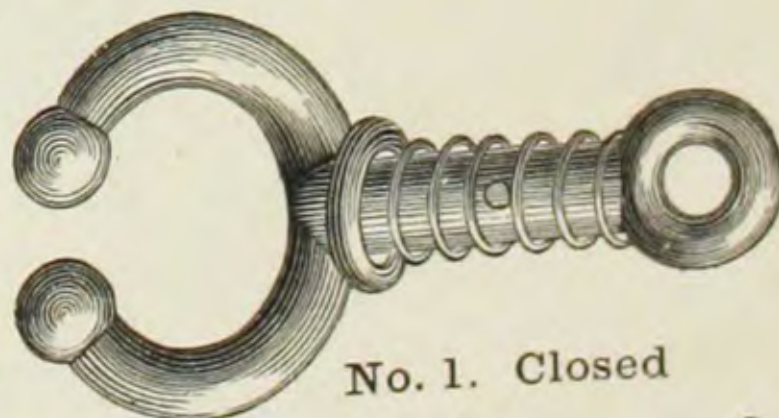
Nos.	1	2
Size, inches,	1 3/4	2
Per dozen,	\$1.40	1.50

One dozen in a box.

WELTON'S PATENT CATTLE LEADERS

MALLEABLE IRON, BRASS SPRINGS

ILLUSTRATIONS, ABOUT HALF-SIZE

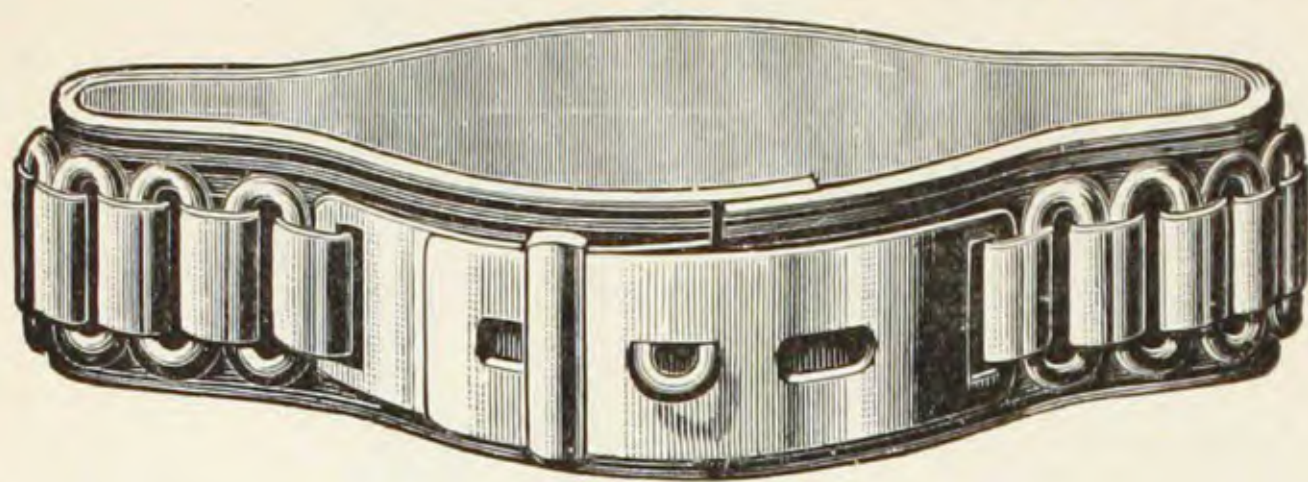


No. 1. Closed

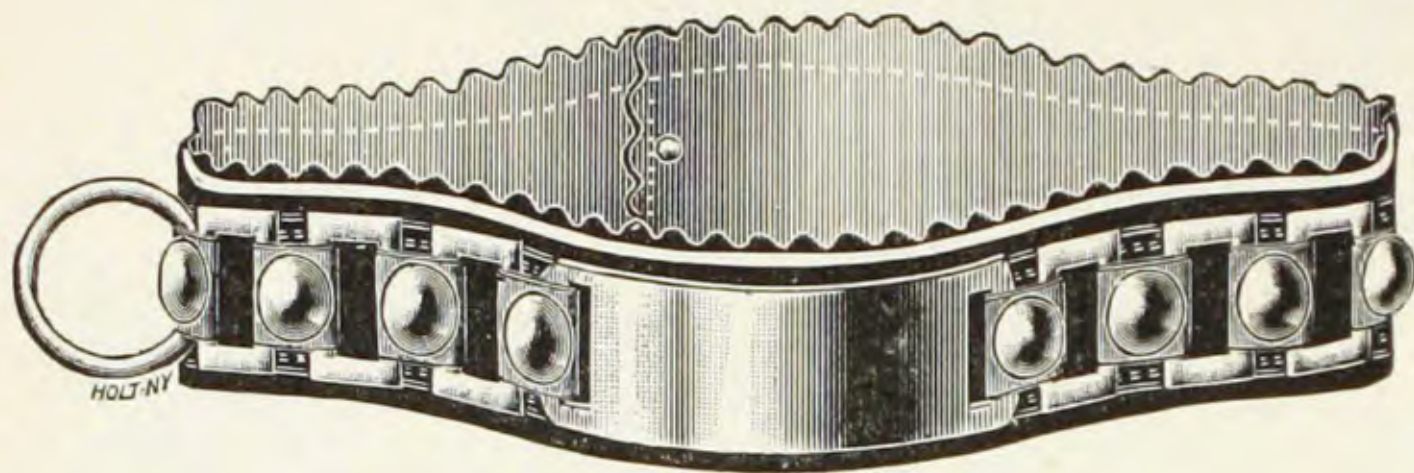
2
2.30

POPE AND STEVENS' DOG COLLARS

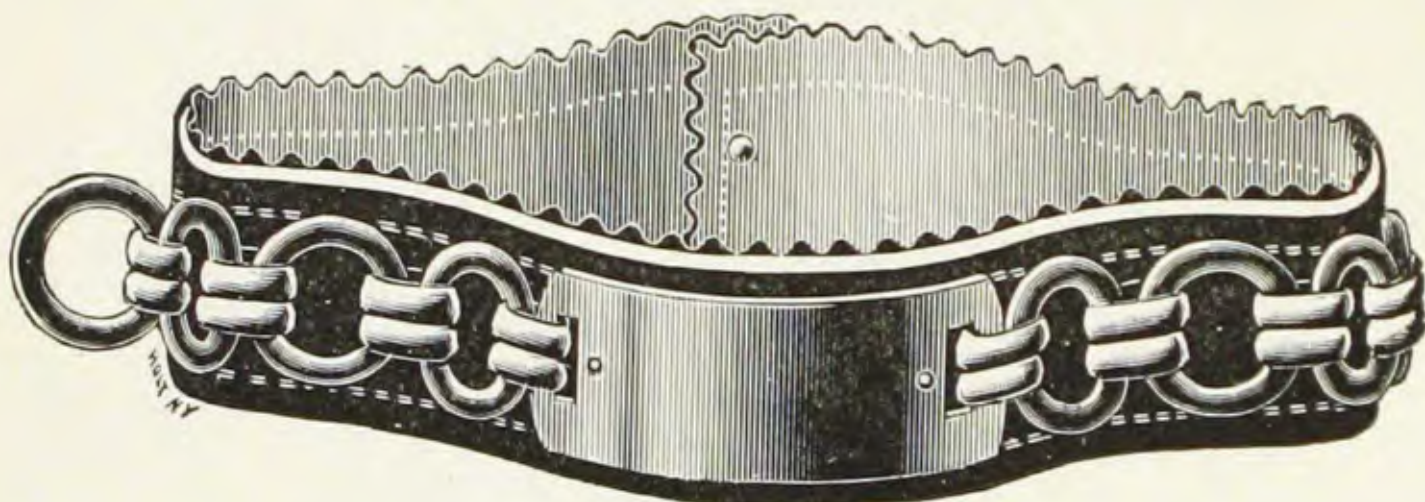
NICKEL-PLATED CHAINS



No.	Width.	Length.	Unlined.	Leather Lined.	Chamois Lined.
60	$\frac{5}{8}$ in.	11 to 15 in.	per doz., \$2.50	3.50	4.50
55	$\frac{3}{4}$ "	13 to 17 "	" " 3.00	4.50	6.00
65	1 "	16 to 20 "	" " 3.50	5.50	7.50
465	$1\frac{1}{2}$ "	21 to 27 "	" " 12.00	16.00	19.00

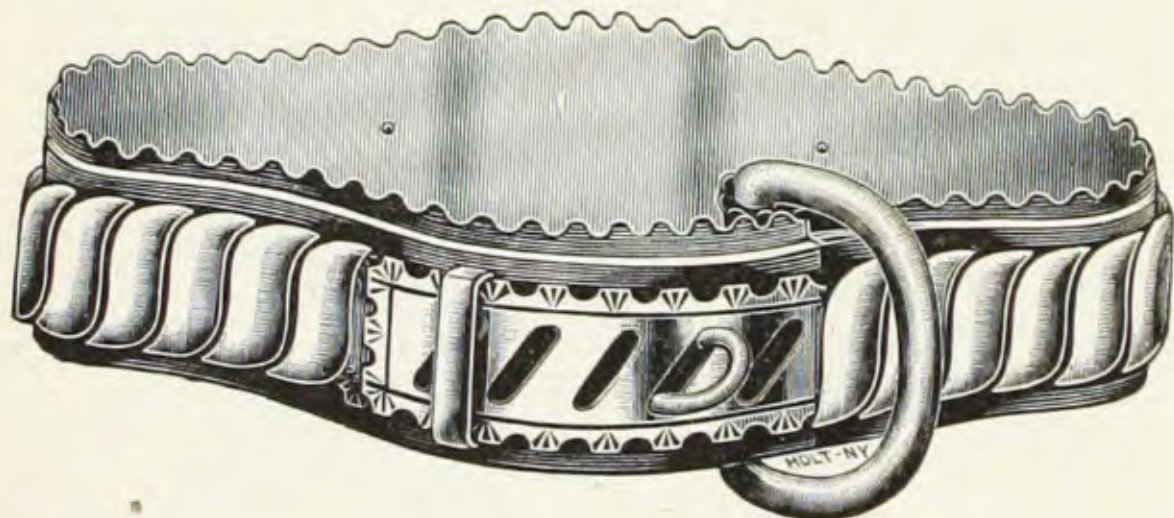


No.	Width.	Length.	Leather Lined.	Chamois Lined.
81	$\frac{5}{8}$ in.	11 to 15 in.	per doz., \$4.00	5.00
83	$\frac{3}{4}$ "	13 to 17 "	" " 5.50	7.00



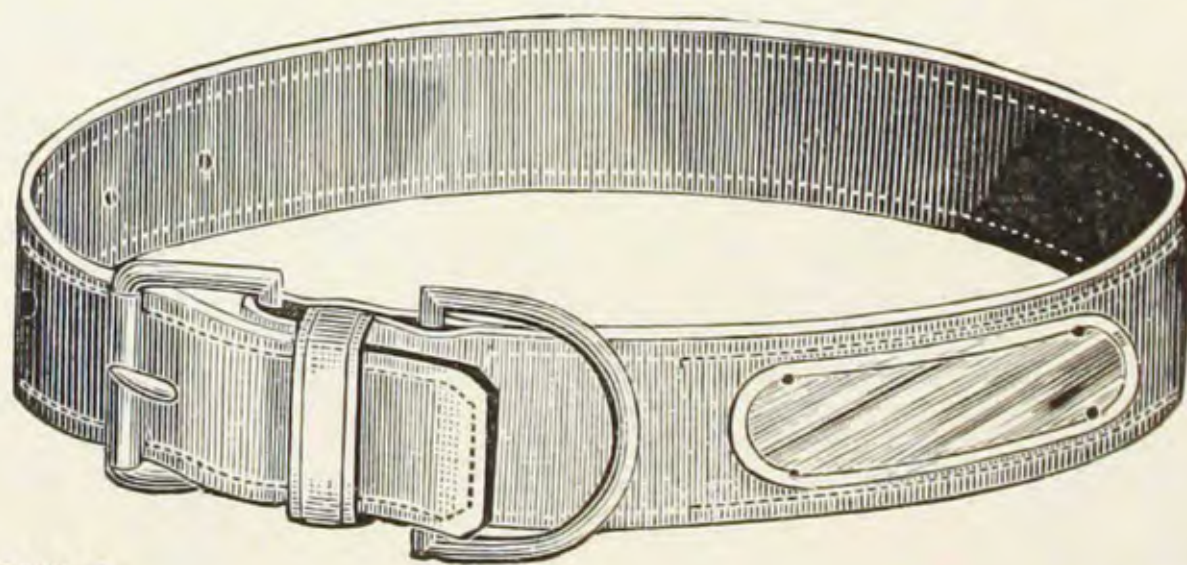
No.	Width.	Length.	Leather Lined.	Chamois Lined.
120	$\frac{5}{8}$ in.	11 to 15 in.	per doz., \$4.50	5.50
125	$\frac{3}{4}$ "	13 to 17 "	" " 6.50	8.00
69	$1\frac{1}{4}$ "	20 to 24 "	" " 14.00	16.00

No. 69 has double row of Links.



No.	Width.	Length.	Leather Lined.	Velvet Lined.	Chamois Lined.
91	$\frac{3}{8}$ inch,	9 to 13 inches,	per dozen, \$5.25	7.00	6.00
92	$\frac{5}{8}$ "	13 to 15 "	" " 6.50	9.00	7.50
93	$\frac{3}{4}$ "	15 to 19 "	" " 8.50	12.00	10.00
94	1 "	18 to 22 "	" " 11.00	15.50	13.00

SINGLE HARNESS LEATHER, RUSSET, RED, OR BLACK



TO BUCKLE

No. 205	$\frac{1}{2}$ inch wide,	9 to 13 inches long,	per doz., \$1.40
No. 206	$\frac{5}{8}$ "	11 to 15 "	" " 1.75
No. 207	$\frac{3}{4}$ "	14 to 18 "	" " 2.15
No. 208	1 "	16 to 20 "	" " 2.40
No. 209	$1\frac{1}{4}$ "	18 to 22 "	" " 3.25
No. 210	$1\frac{1}{2}$ "	22 to 26 "	" " 4.00

TO LOCK

No. 205L	$\frac{1}{2}$ inch wide,	9 to 13 inches long,	per doz., \$1.80
No. 206L	$\frac{5}{8}$ "	11 to 15 "	" " 2.15
No. 207L	$\frac{3}{4}$ "	14 to 18 "	" " 2.65
No. 208L	1 "	16 to 20 "	" " 3.00
No. 209L	$1\frac{1}{4}$ "	18 to 22 "	" " 4.00
No. 210L	$1\frac{1}{2}$ "	22 to 26 "	" " 5.00

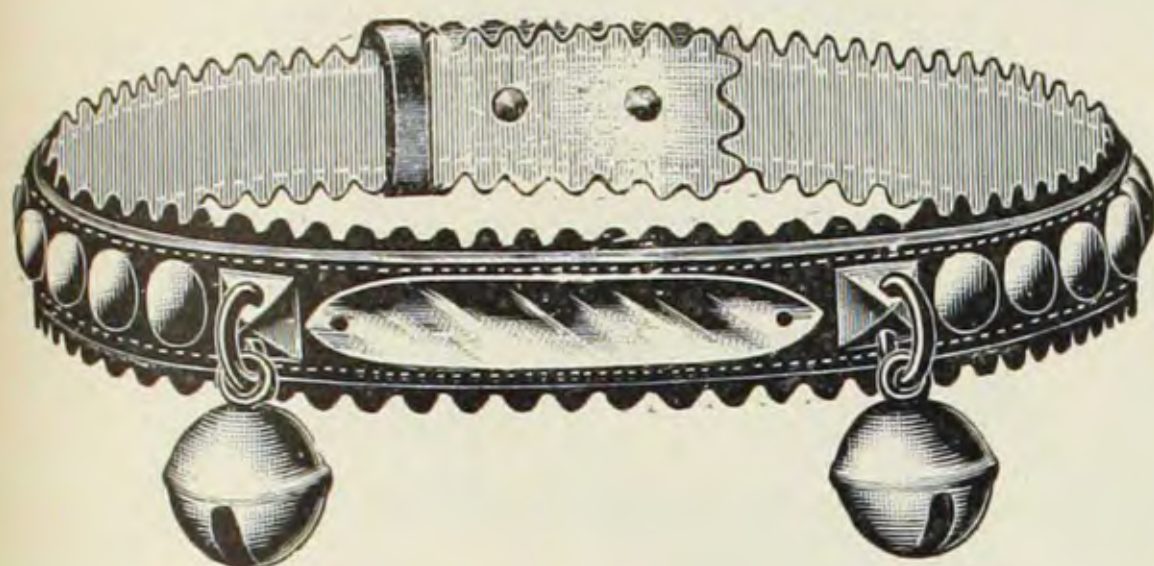
One dozen in a box.



DOG COLLARS

927

CONTINUED



TO LOCK

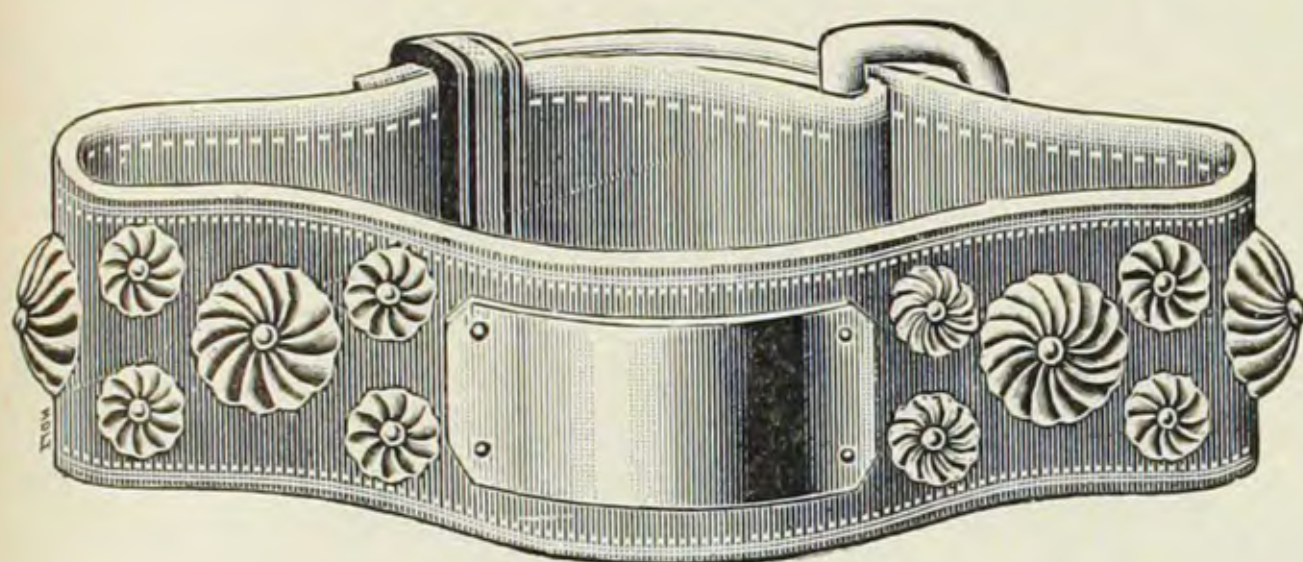
Lined with Red or Blue Felt, Scalloped Edges, Ornamented with Nickel Studs and 2 Bells.

No.	Width.	Length.	Per dozen.
1960	$\frac{3}{8}$ inch,	9, 11, 13 inches,	\$5.00
1961	$\frac{1}{2}$ "	10, 12, 14 "	5.50
1962	$\frac{5}{8}$ "	11, 13, 15 "	6.00

Same as above, without Bells.

No.	Width.	Length.	Per dozen.
1950	$\frac{3}{8}$ inch,	9, 11, 13 inches,	\$3.00
1951	$\frac{1}{2}$ "	10, 12, 14 "	3.50
1952	$\frac{5}{8}$ "	11, 13, 15 "	4.00

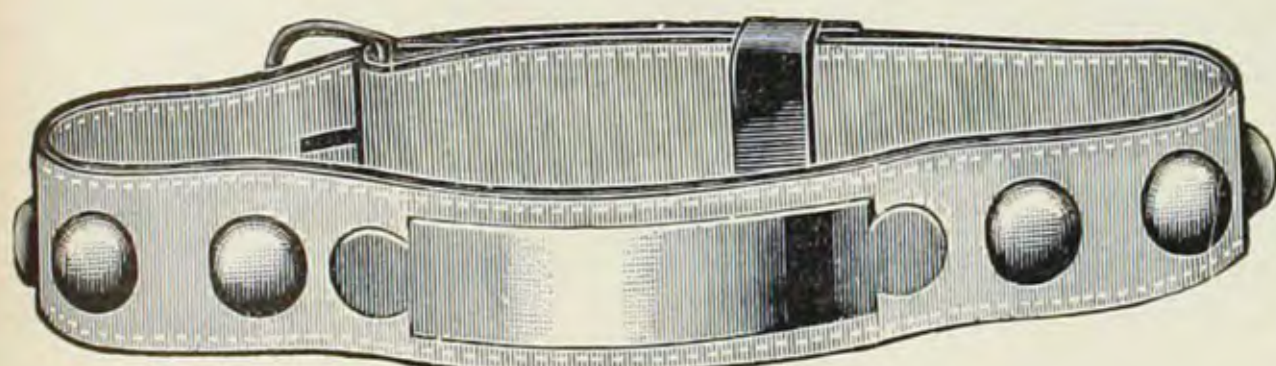
SELECTED DOUBLE STITCHED HARNESS LEATHER



TO LOCK

No.	Width.	Length.	Per dozen.
1550	$\frac{3}{4}$ inch,	14, 16, 18 inches,	\$9.00
1551	$\frac{7}{8}$ "	15, 17, 19 "	10.00
1552	1 "	17, 19, 21 "	12.00
1553	$1\frac{1}{4}$ "	19, 21, 23 "	16.00
1554	$1\frac{1}{2}$ "	21, 23, 25 "	20.00
1555	2 "	25, 27, 29 "	30.00

DOUBLE LEATHER



TO BUCKLE

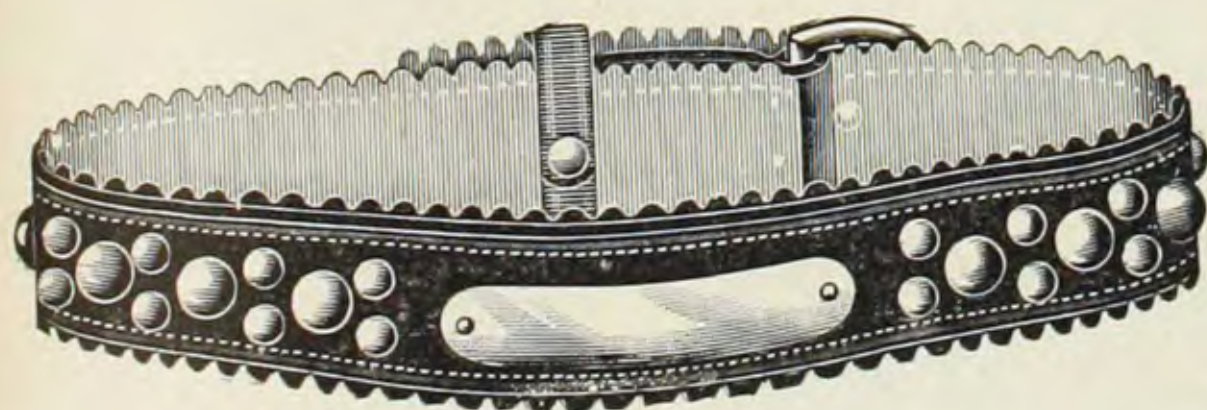
Ornamented with Large Round German Silver Studs.

No.	Width.	Length.	Per dozen.
1675	1 inch,	17, 19, 21 inches,	\$9.00
1676	$1\frac{1}{4}$ "	19, 21, 23 "	12.00

TO LOCK

No.	Width.	Length.	Per dozen.
1680	1 inch,	17, 19, 21 inches,	\$9.00
1681	$1\frac{1}{4}$ "	19, 21, 23 "	12.00

BRIDLE LEATHER



TO LOCK

Polished Cast Brass or German Silver Trimmings, lined with Chamois, Scalloped Edges, Ornamented with Round German Silver Studs.

No.	Width.	Length.	Per dozen.
1469	$\frac{3}{8}$ inch,	9, 11, 13 inches,	\$5.00
1470	$\frac{1}{2}$ "	9, 11, 13 "	5.50
1471	$\frac{5}{8}$ "	11, 13, 15 "	6.00
1472	$\frac{3}{4}$ "	13, 15, 17 "	7.00
1473	$\frac{7}{8}$ "	14, 16, 18 "	9.00
1474	1 "	17, 19, 21 "	10.00
1475	$1\frac{1}{4}$ "	21, 23, 25 "	14.00
1476	$1\frac{1}{2}$ "	23, 25, 27 "	18.00

LIGHT DOUBLE BRIDLE LEATHER



TO LOCK

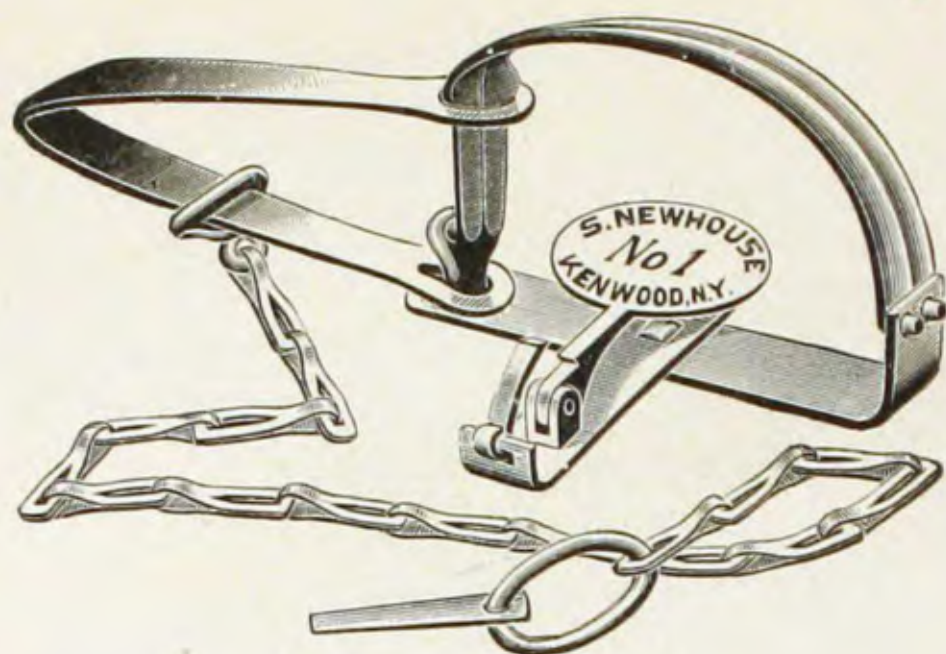
No.	Width.	Length.	Per dozen.
1430	$\frac{1}{2}$ inch,	9, 11, 13 inches,	\$7.00
1431	$\frac{5}{8}$ "	11, 13, 15 "	8.00
1432	$\frac{3}{4}$ "	13, 15, 17 "	9.00
1433	$\frac{7}{8}$ "	14, 16, 18 "	10.00
1434	1 "	17, 19, 21 "	12.00
1435	$1\frac{1}{4}$ "	21, 23, 25 "	16.00
1436	$1\frac{1}{2}$ "	23, 25, 27 "	20.00

One dozen in a box.



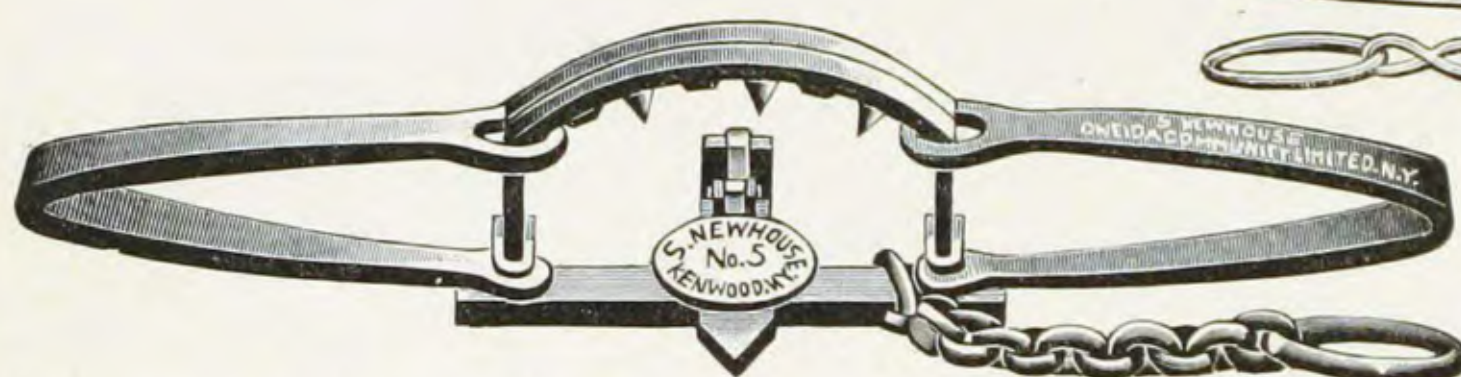
ONEIDA COMMUNITY'S STEEL TRAPS

NEWHOUSE

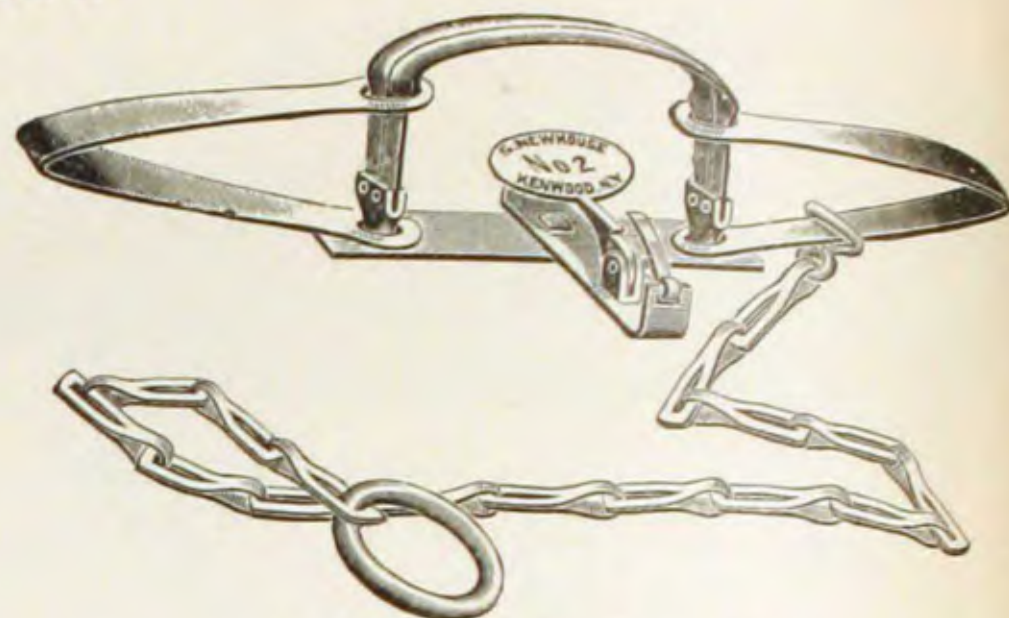


SINGLE SPRINGS

No.		Spread of Jaws, inches.		Without Chains.	With Chains.
0	Rat or Gopher Trap,	3½	per doz.,	\$3.25	4.25
1	Muskrat	4	" "	3.75	5.00
1½	Mink	4¾	" "	6.00	7.50
2½	Otter	5	" "	16.50	18.50

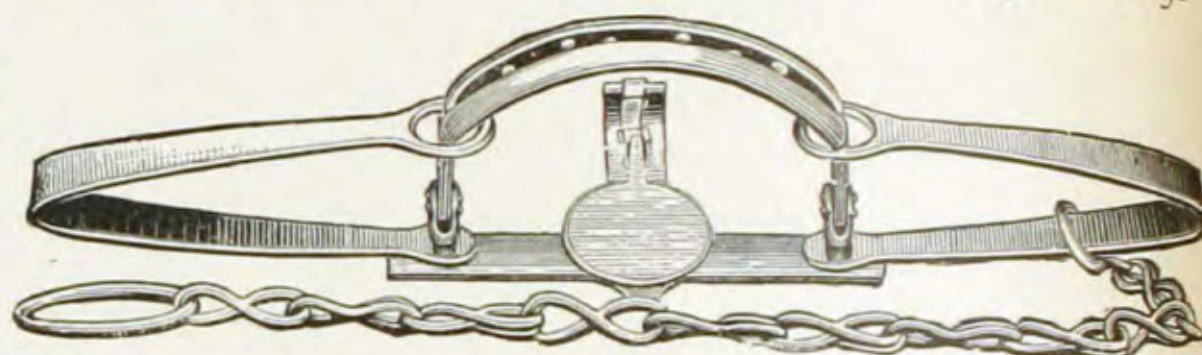


No.		Spread of Jaws, inches.		With Chains.
5	Bear Trap,	11¾	per dozen,	\$140.00
6	Grizzly Bear Trap,	16	" "	280.00



DOUBLE SPRINGS

No.		Spread of Jaws, inches.		Without Chains.	With Chains.
2	Fox Trap,	4¾	per dozen,	\$9.00	10.50
3	Otter "	5½	" "	12.00	14.00
4	Beaver "	6½	" "	14.50	16.50



No.		Without Chains.	With Chains.
14	Deer Trap, per dozen,	\$16.50	18.50

Same size as No. 4 Beaver Trap. The Jaws have an Offset to prevent their breaking the deer's leg, and are also furnished with teeth.

No. 15	Bear Trap, with Offset Jaws,	
	Spread of Jaws, 11¾ inches,	
	with Chains,	per doz., \$140.00

HAWLEY & NORTON

Same style as Newhouse.

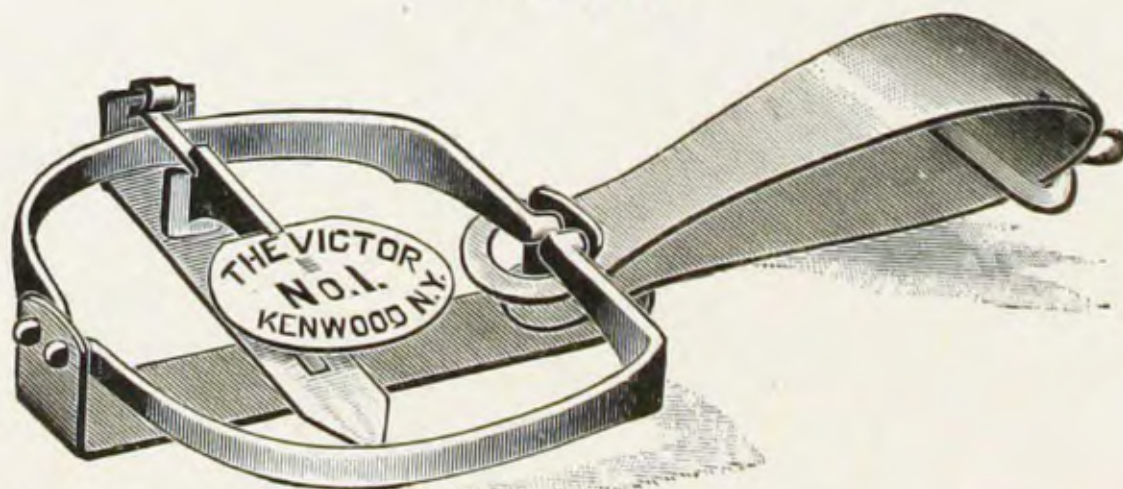
SINGLE SPRINGS

No.		Spread of Jaws, inches.		Without Chains.	With Chains.
0	Rat Trap,	3½	per dozen,	\$3.25	4.25
1	Muskrat "	4	" "	3.75	5.00
1½	Mink	4¾	" "	6.00	7.50

DOUBLE SPRINGS

No.		Spread of Jaws, inches.		Without Chains.	With Chains.
2	Fox Trap,	4¾	per dozen,	\$9.00	10.50
3	Otter "	5½	" "	12.00	14.00
4	Beaver "	6½	" "	14.50	16.50

VICTOR



SINGLE SPRINGS

No.		Spread of Jaws, inches.		Without Chains.	With Chains.
0	Rat Trap,	3½	per doz.,	\$3.25	4.25
1	Muskrat "	4	" "	3.75	5.00
1½	Mink	4¾	" "	6.00	7.50

DOUBLE SPRINGS

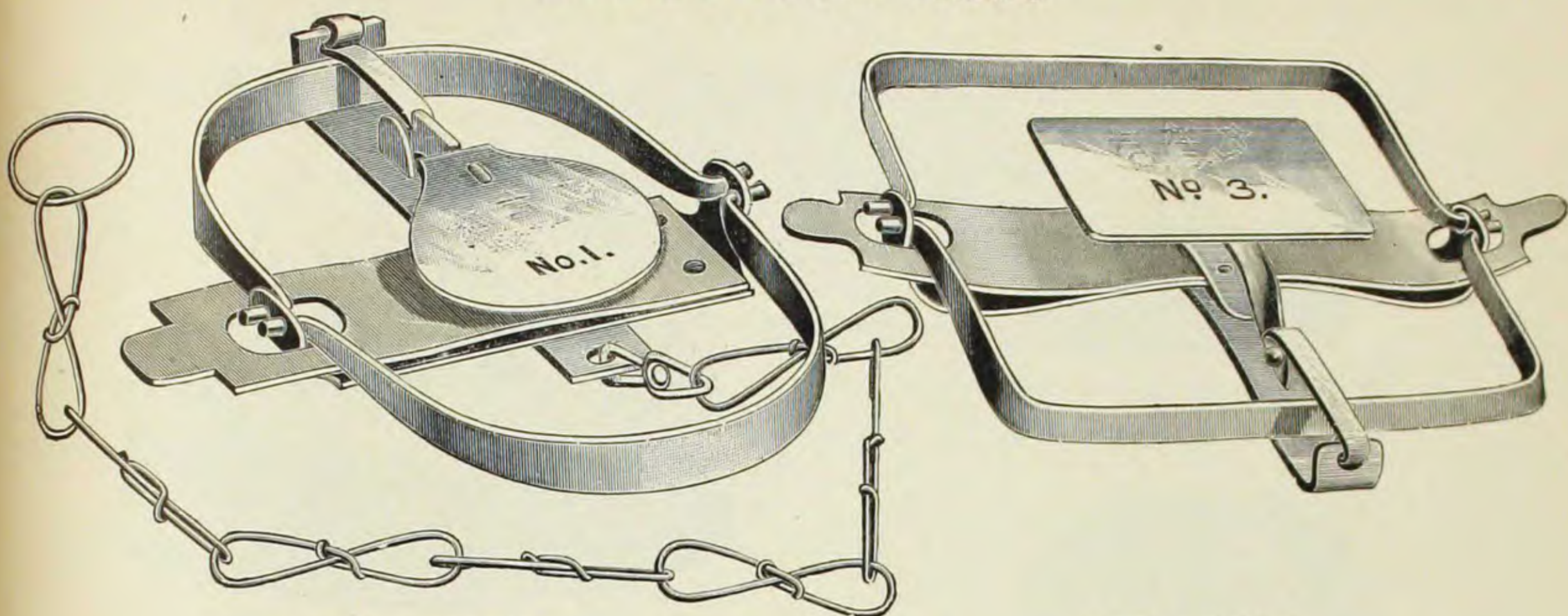
No.		Spread of Jaws, inches.		Without Chains.	With Chains.
2	Fox Trap,	4¾	per doz.,	\$9.00	10.50
3	Otter "	5½	" "	12.00	14.00
4	Beaver "	6½	" "	14.50	16.50

In ordering Traps, be particular to state WITH or WITHOUT Chains, as wanted.



BLAKE'S STEEL TRAPS

929

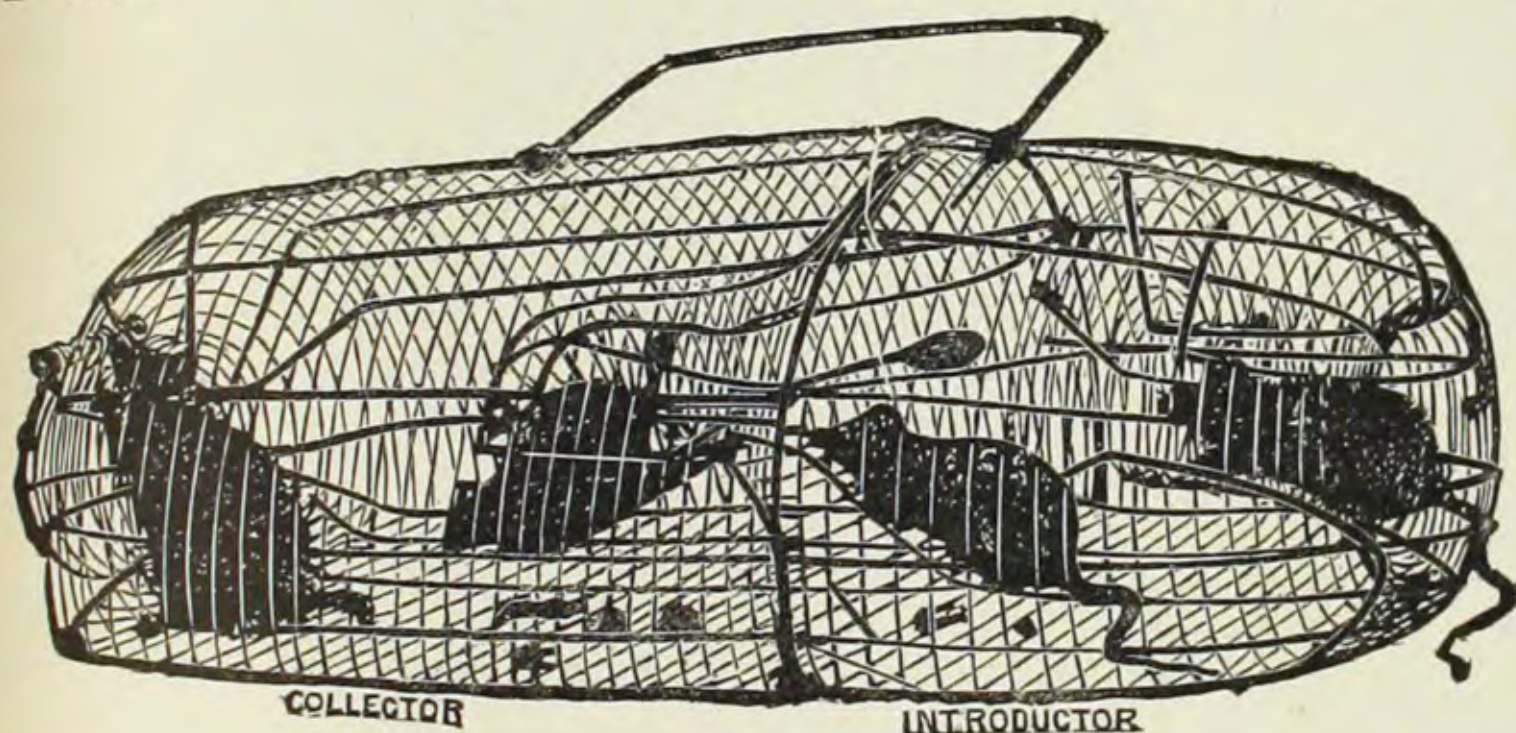


SINGLE SPRING

No.	Trap,	Spread of Jaws, inches.	Without Chain.	With Chain.
0	Rat	3 3/4	per dozen, \$2.25	3.25
1	Muskrat	4 3/8	" " 2.50	3.65
2	Mink	4 7/8	" " 3.00	4.15

DOUBLE SPRING

No.	Trap,	Spread of Jaws, inches.	Without Chain.	With Chain.
2 1/2	Mink	5 1/4	per dozen, \$4.50	5.75
3	Fox	6	" " 7.00	8.50
4	Woodchuck	6 1/4	" " 8.00	9.50

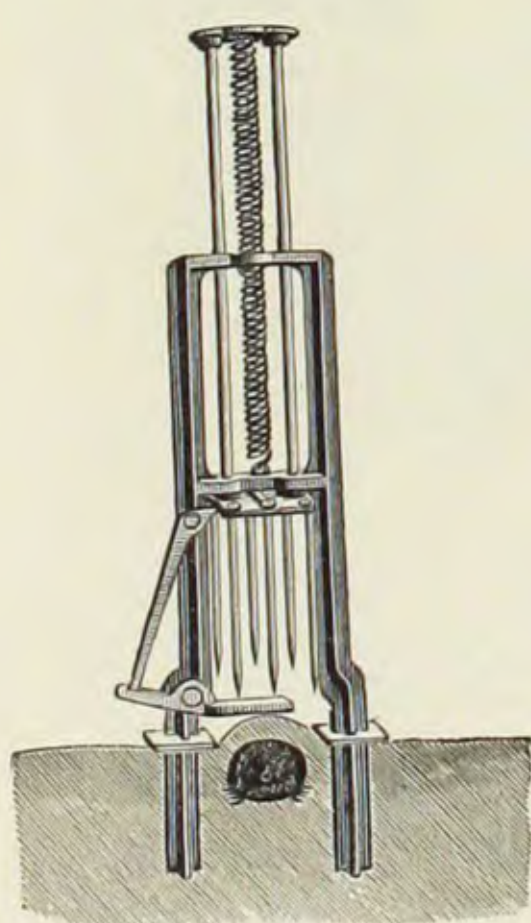


MARTY'S PATENT FRENCH TRAPS

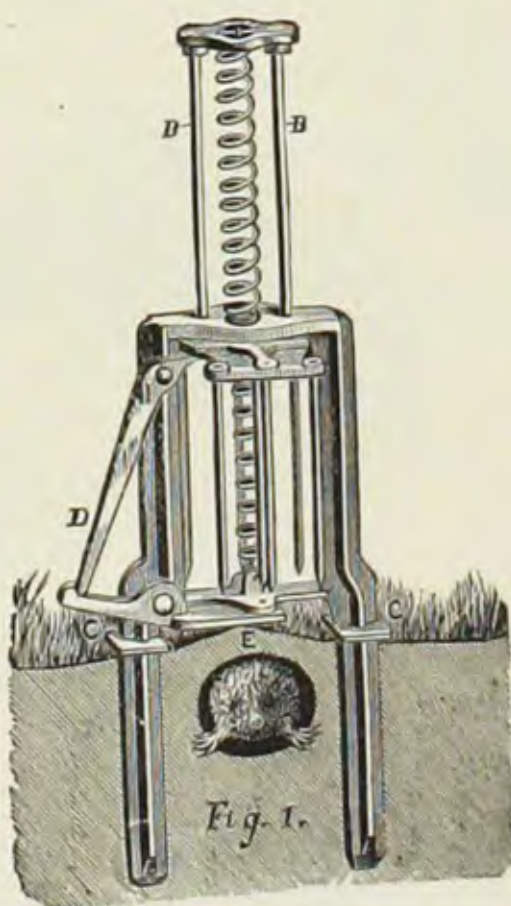
No.	Trap,	Per dozen.
1	Rat Trap, Hotel Size, 27 inches long,	\$25.00
3	Rat Trap, Family Size, 17 inches long,	10.80
3 1/2	Rat Trap, Small Family Size, 15 inches long,	9.00
4	Mouse Trap, 10 inches long,	7.50
5	" " 8 " "	6.00

REDDICK'S PATENT MOLE TRAPS

OLMSTED'S RELIABLE MOLE TRAPS



No. 1

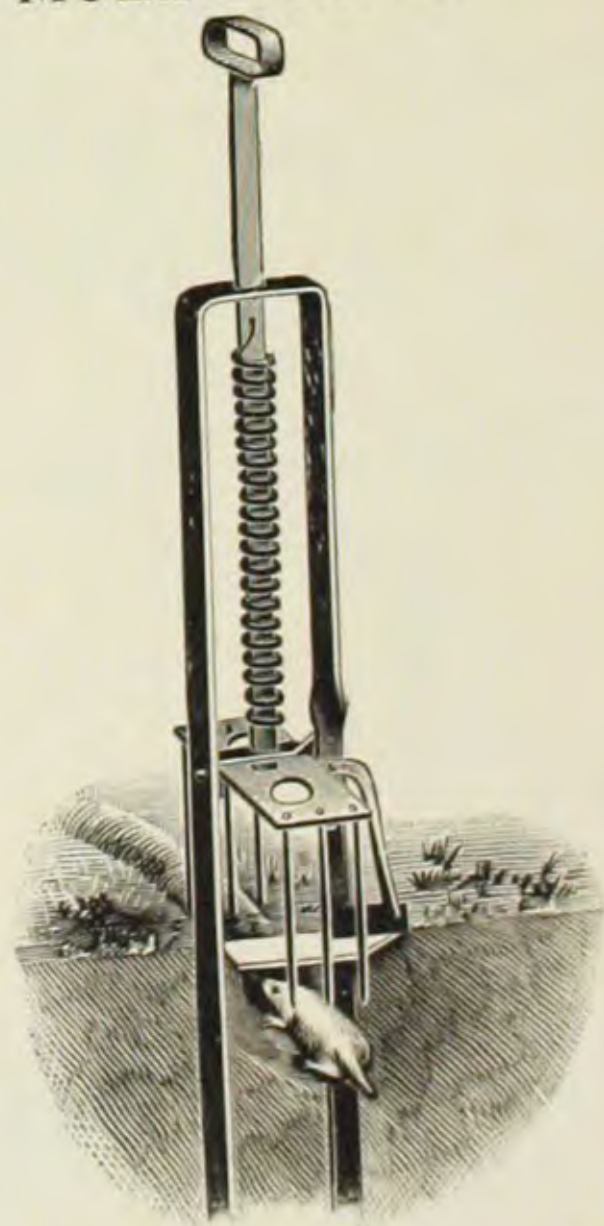


No. 2

No. 1
No. 2

per dozen, \$20.00
" " 20.00

No. 1, one dozen in a case; No. 2, one in a box.



All Steel, Tinned, per dozen, \$12.00
Half dozen in a crate.

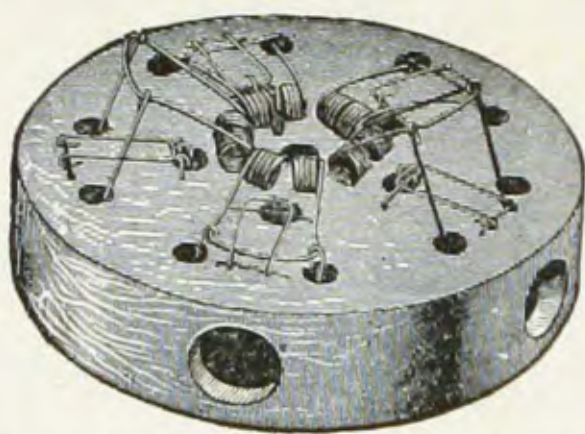


LOVELL MANUFACTURING CO.'S (LIMITED) TRAPS

EASY SETTING CHOKER MOUSE TRAPS



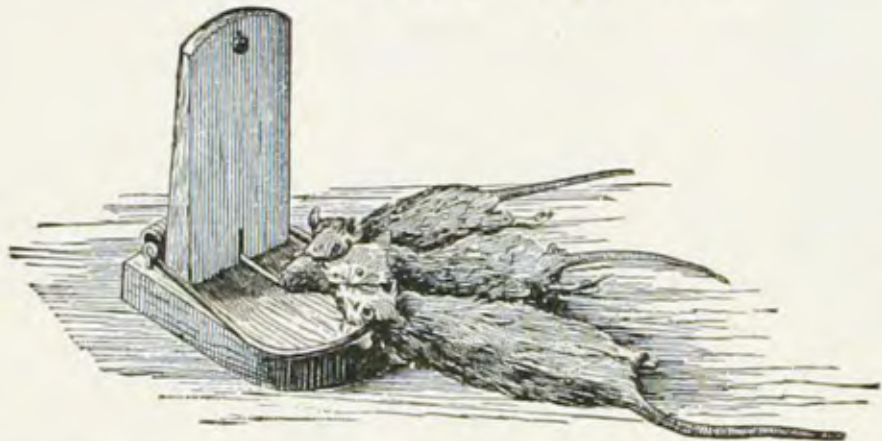
Style of 1, 2, and 3 Hole



Style of 4, 5, and 6 Hole

Holes,	1	2	3	4	5	6
Per dozen.	\$0.30	.60	.90	1.20	1.50	1.80

ERIE RAT TRAPS

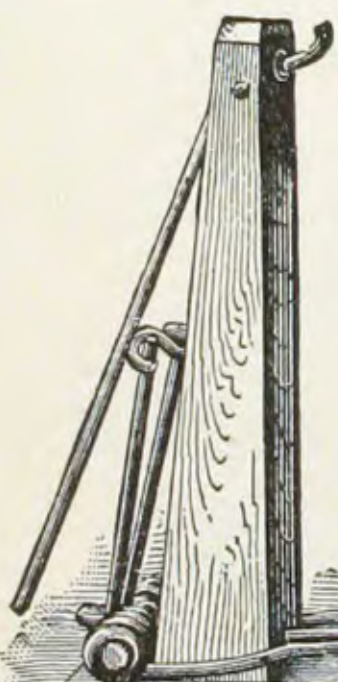


Per dozen, \$1.90
One dozen in a crate.

STAR RAT TRAPS

SAME STYLE AS ERIE

Per dozen, \$1.40
One dozen in a crate.

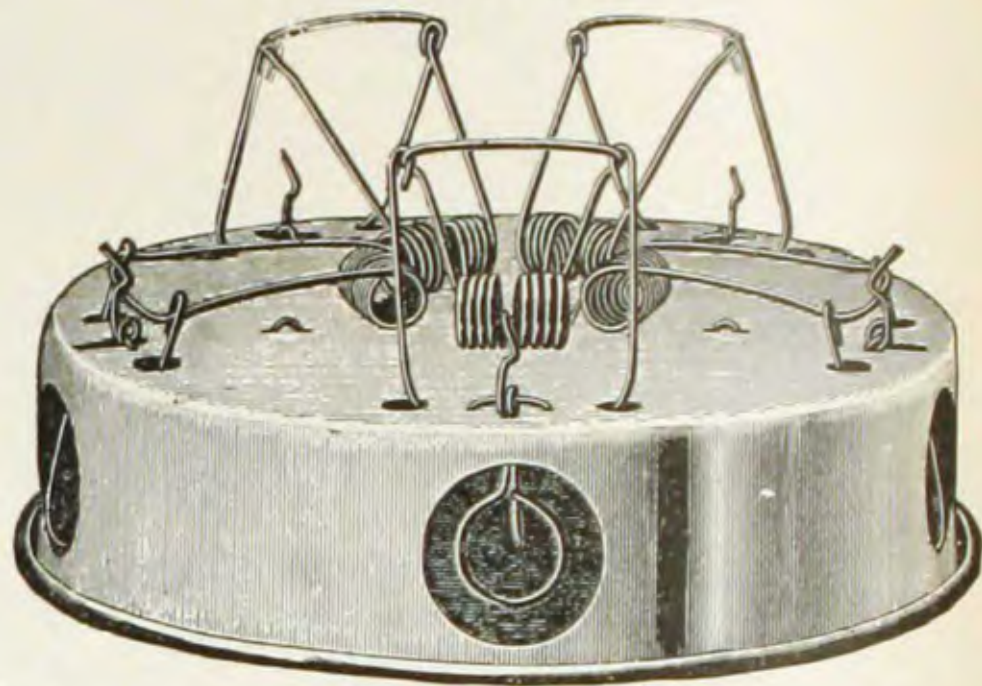


TINKER'S PATENT LITTLE GIANT ANIMAL TRAPS

FOR RATS
AND SMALL GAME

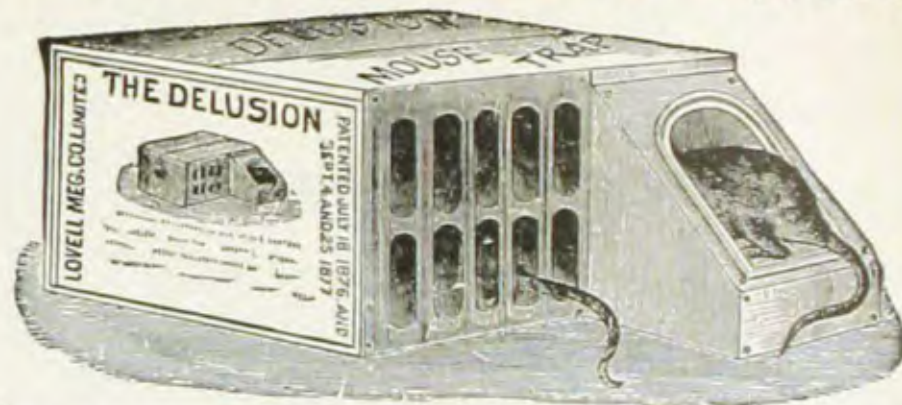
Per dozen, \$3.25
One dozen in a box.

METALLIC CHOKER MOUSE TRAPS



5 Hole, per dozen, \$2.25

DELUSION MOUSE TRAPS



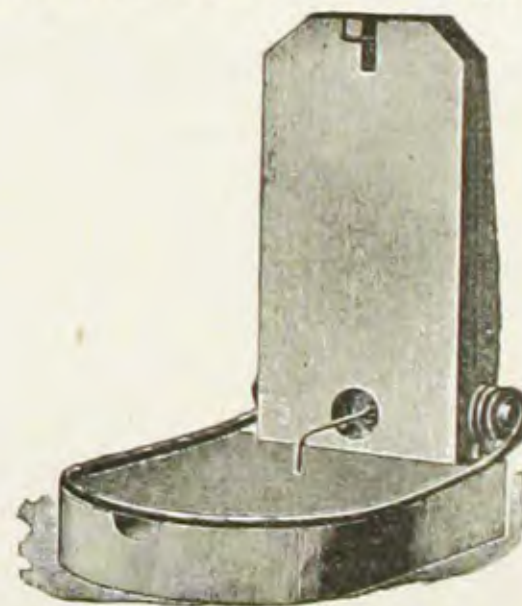
Per dozen, \$1.45
Twelve dozen in a case.

MASCOTTE MOUSE TRAPS

SAME AS DELUSION, EXCEPT IN NAME

Per dozen, \$1.35
Twelve dozen in case.

GEM RAT TRAPS

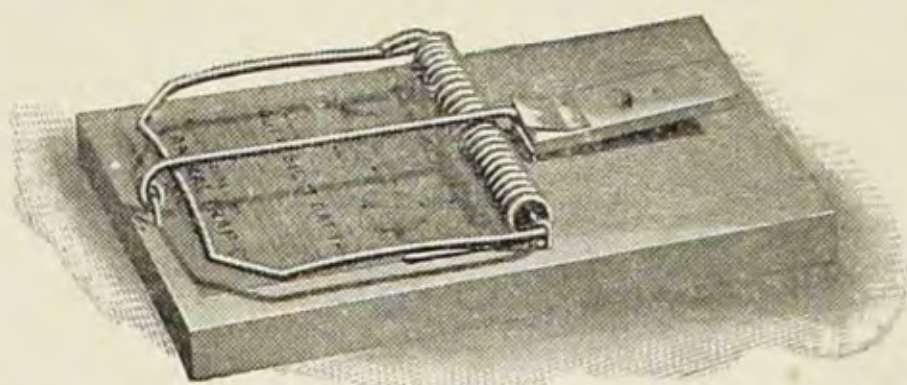


Per dozen, \$1.25
One dozen in a crate.



OUT O' SIGHT TRAPS

931



CATCHES THEM COMING OR GOING—NO BAIT REQUIRED

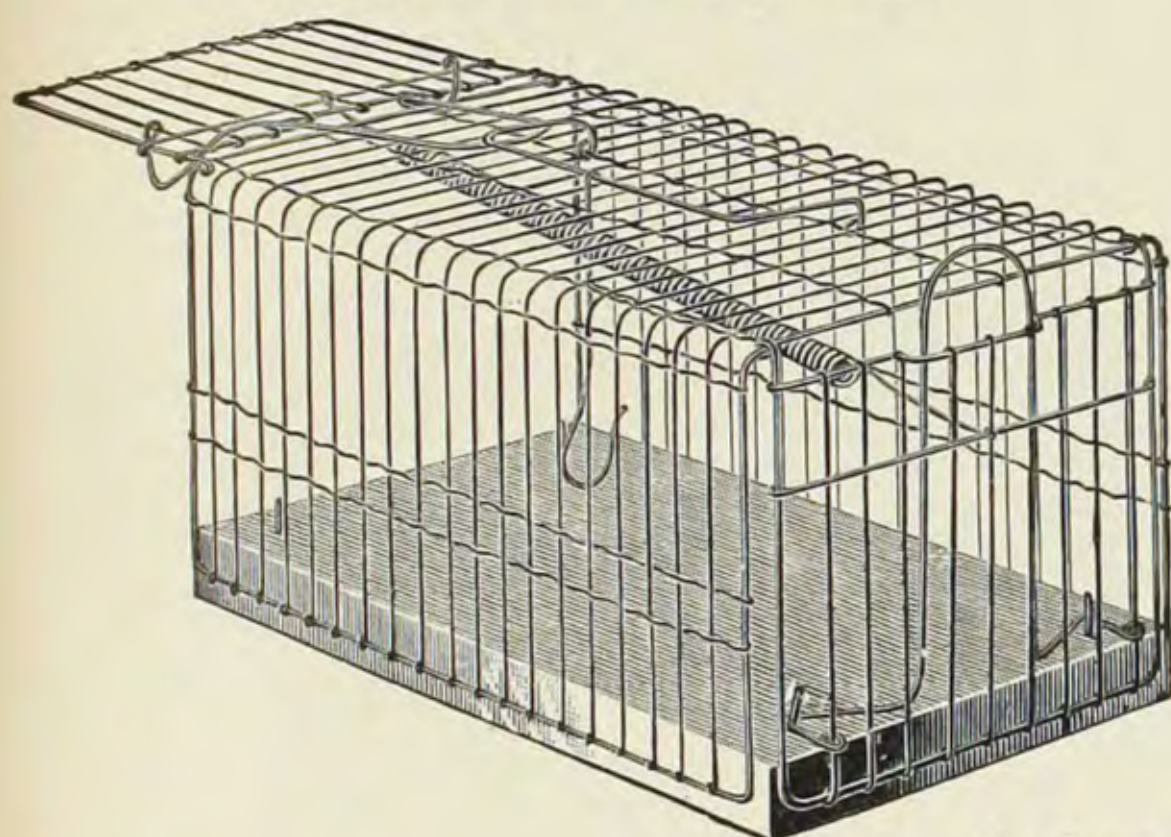
- No. 1 Mouse,
No. 2 Rat,

per dozen, \$1.20
" " 2.50

One dozen in a box.

WIRE RAT TRAPS

RE-TINNED WIRE, DROP LOCK



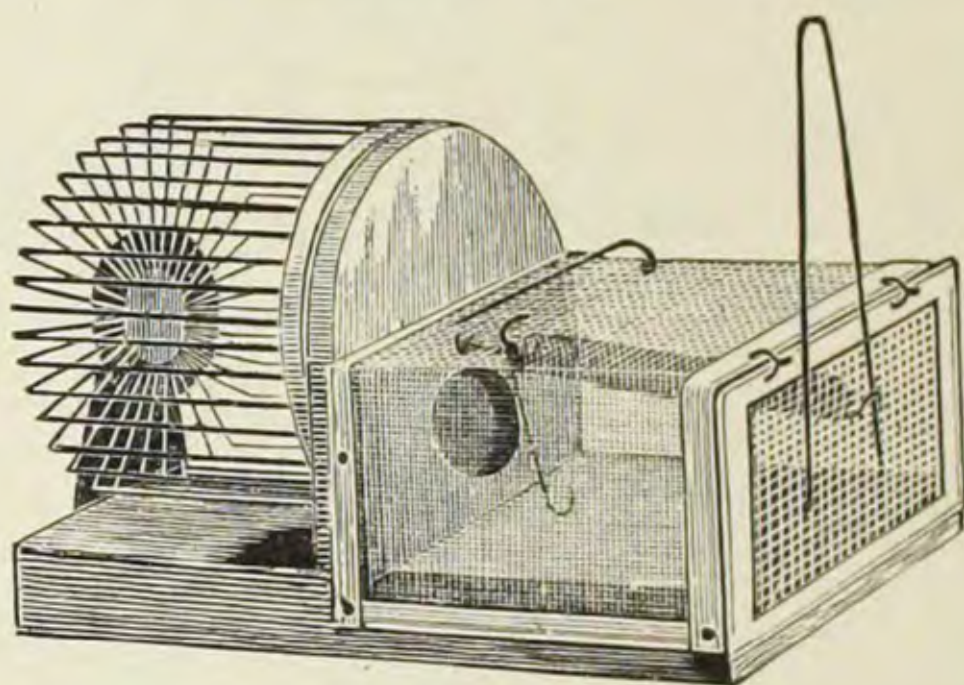
- No. 2 6×11 inches, Wood Bottom,
3 7×13 " " "

Per dozen.
\$5.50
7.00

Half dozen in a package.

WHEEL TRAPS

TINNED WIRE

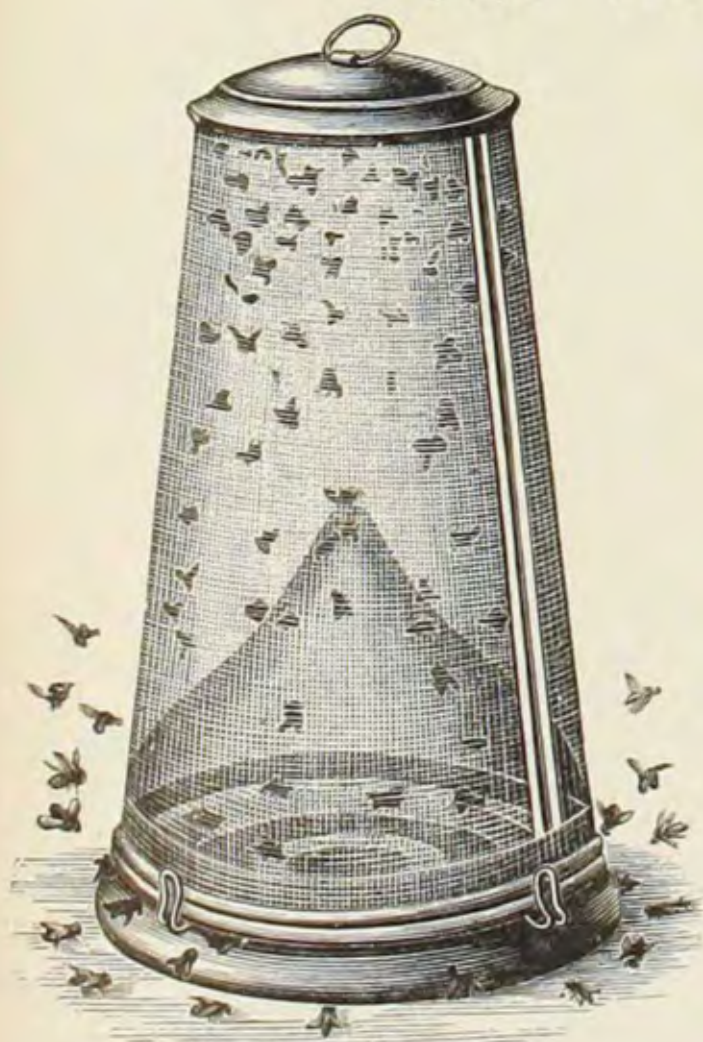


- No. 1 6¼×3 inches (Toy Mouse Trap),
4 17×6 " (Rat Trap),

Per dozen.
\$2.50
12.00

Half dozen in a package.

FLY TRAPS



EAGLE

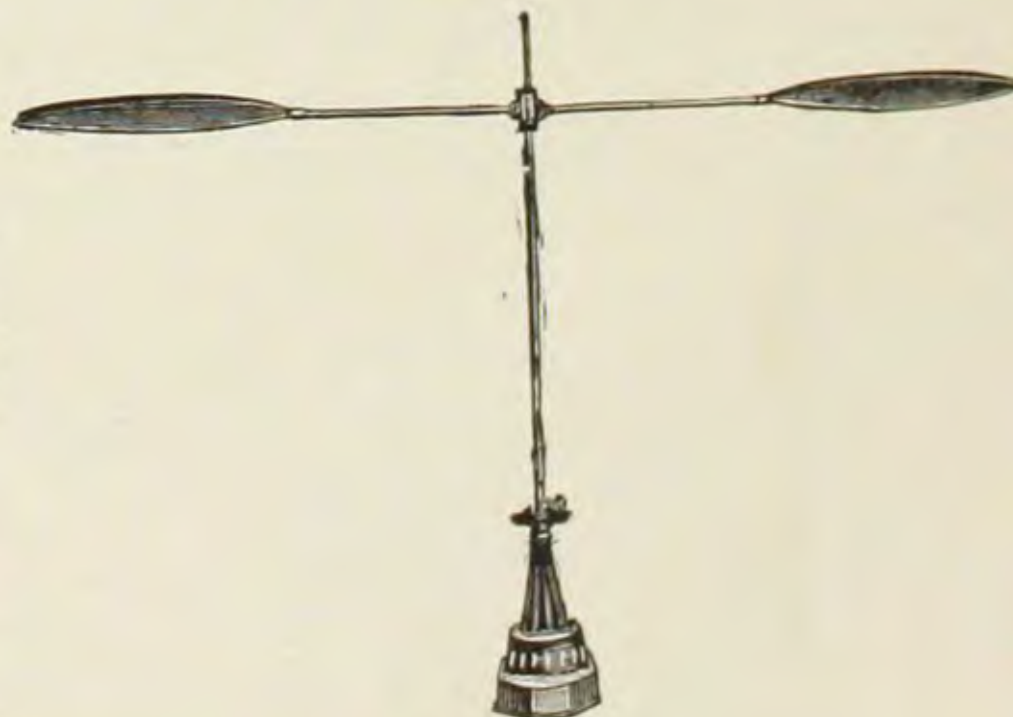
Per dozen, \$3.00
One dozen in a case.



BALLOON

Per dozen, \$2.50
One dozen in a case.

PATENT FLY FANS



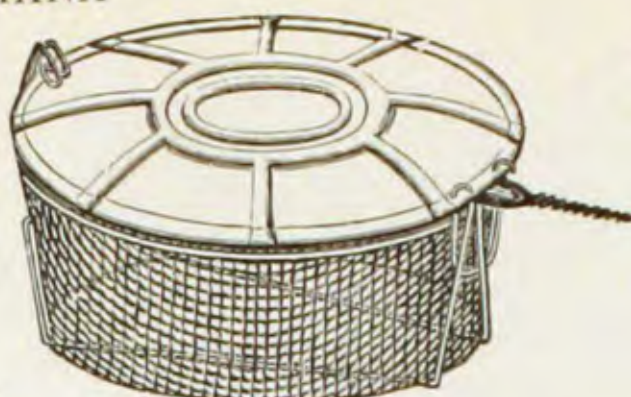
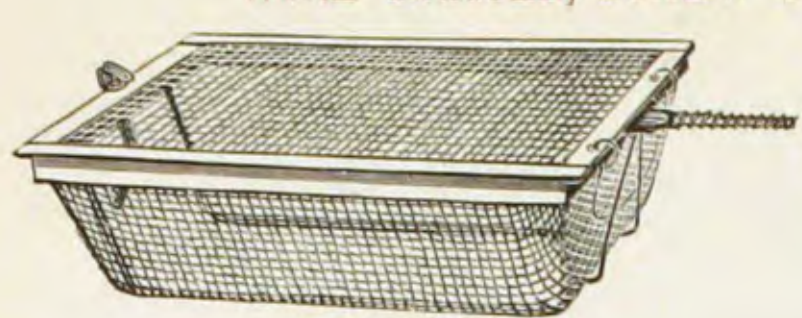
Per dozen,

\$24.00



CORN POPPERS

WIRE BRACED, SCREW SHANK



No. 1	Square, Wire Lid, 1 qt., per gross,	\$24.00
No. 2	" Tin " 1 " " " "	24.00
No. 3	Round, " " 1 " " " "	27.00

EXTRA SIZES

No. 6	Square, Wire Lid, 1 1/2 qt., per doz.,	\$2.50
No. 7	" " " 2 " " " "	3.00
No. 8	" " " 4 " " " "	9.00

Nos. 1, 2, 3, and 6, half gross in a case; No. 7, three dozen;
No. 8, two dozen.

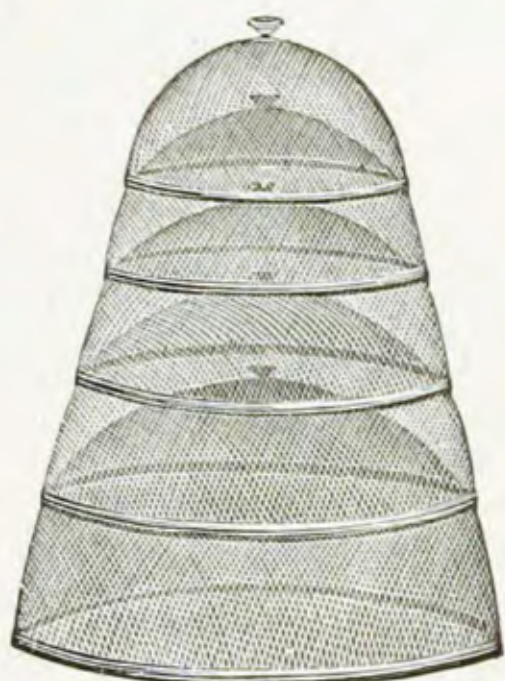
UNION CORN POPPERS

DOUBLE POPPER, ALL WIRE

Capacity, 2 quarts, per dozen, \$5.00

One dozen in a box.

WIRE DISH COVERS



ROUND

This illustration represents one regular set, 6 to 10 inches,
inclusive.

ROUND. BLUED OR TINNED WIRE

Size, inches,	6	7	8	9	10
Per dozen,	\$1.20	1.45	1.75	2.10	2.50
In sets of five, one each, 6 to 10 inches,	per set, \$0.75				

ROUND. EXTRA SIZES

12 inch, Blued or Tinned Wire, per doz.,	\$4.50
14 " " " " " " " "	6.00

OVAL. BLUED OR TINNED WIRE

Size, inches,	8	10	12	14	16	18
Per dozen,	\$2.00	3.00	4.00	5.00	6.00	7.00
In sets of six, one each, 8 to 18 inches,	per set, \$2.25					

COAL HODS



Plain

JAPANNED, PLAIN

Size, inches,	15	16	17	18
Per dozen,	\$8.25	8.75	9.50	10.00

GALVANIZED, PLAIN

Size, inches,	15	16	17	18
Per dozen,	\$11.50	12.50	13.50	14.50

JAPANNED, FUNNEL

Size, inches,	15	16	17	18
Per dozen,	\$12.00	13.00	14.00	15.00

GALVANIZED, FUNNEL

Size, inches,	15	16	17	18
Per dozen,	\$15.00	16.00	18.00	20.00



Patented.

Funnel

GALVANIZED PAILS AND WELL BUCKETS



Pail



Well Bucket

Quarts,	10	12	14	16
Per dozen,	\$4.50	5.00	5.50	7.50

WELL BUCKETS

14 Quarts, per dozen, \$7.50

EGG BEATERS



Dover



Lyon

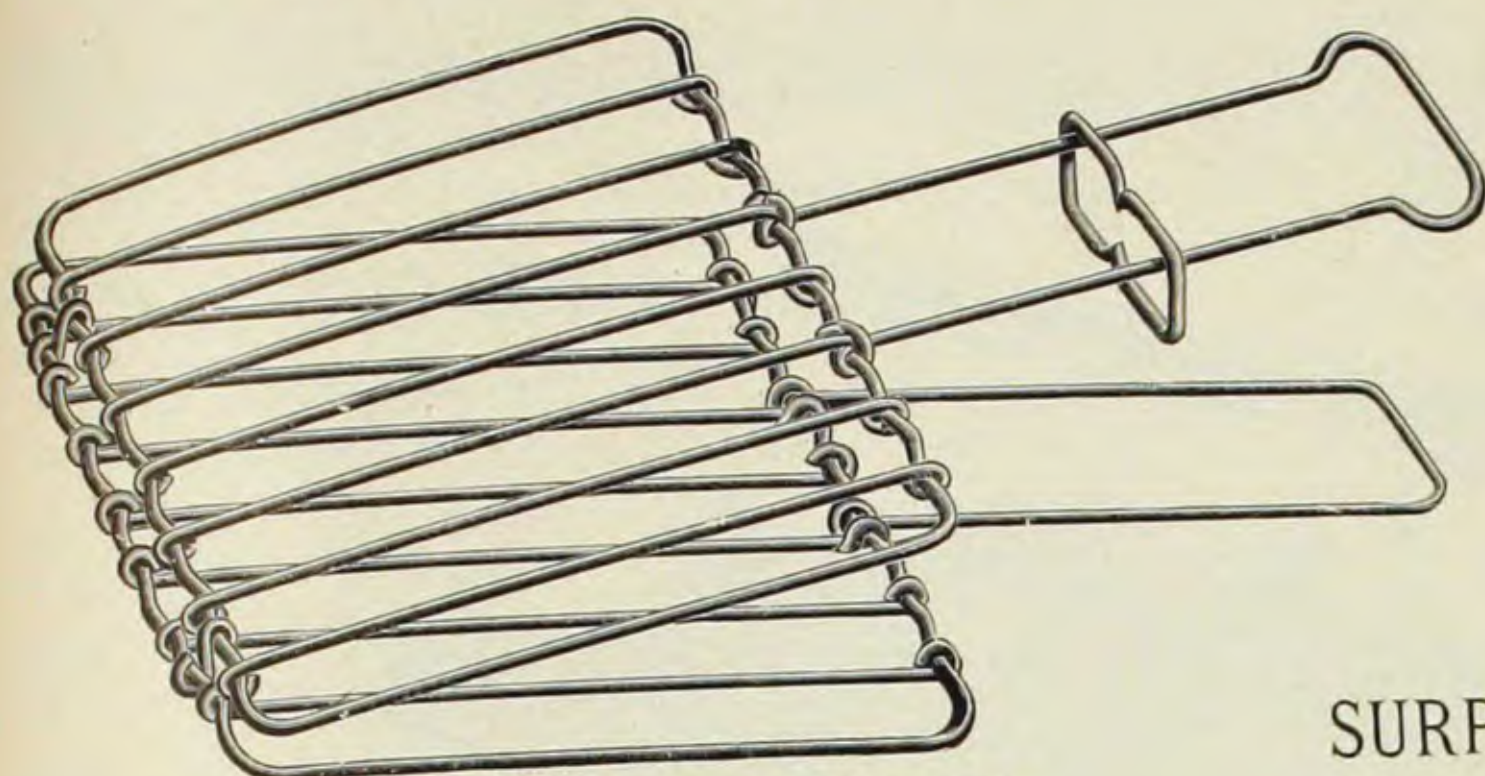
Dover, Family Size,	per dozen, \$2.50
" Extra Family Size,	" " 8.00

LYON EGG BEATER AND CREAM WHIP

No. 2 Standard Size, Propeller-Shaped Blades,	per dozen, \$3.50
One dozen in a box; twelve dozen in a case.	



NATIONAL REVERSIBLE BROILERS AND TOASTERS



MADE OF STEEL WIRE, CORRUGATED
AND RE-TINNED

LIGHT. NO. 15 WIRE

Nos.	150	151	152	153	154
Size, inches,	6×9	8×9	10×9	12×9	14×9
Per dozen,	\$2.50	2.75	3.00	3.25	3.50

HEAVY. NO. 13 WIRE

Nos.	130	131	132	133	134
Size, inches,	6×9	8×9	10×9	12×9	14×9
Per dozen,	\$3.00	3.50	4.00	5.00	6.00

EXTRA HEAVY. NO. 11 WIRE

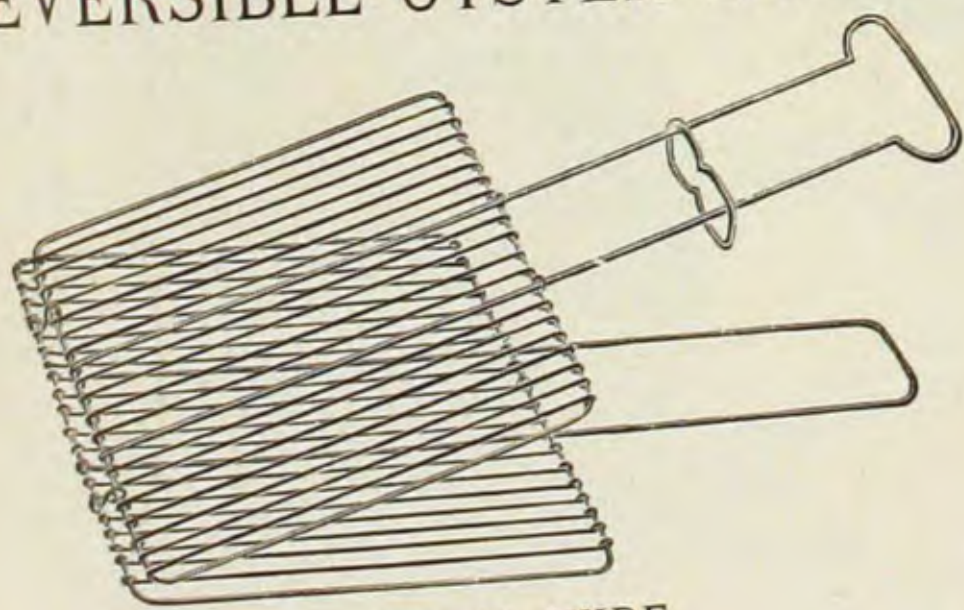
Nos.	110	111	112	113	114
Size, inches,	6×9	8×9	10×9	12×9	14×9
Per dozen,	\$4.50	5.50	6.50	7.50	8.50

HOTEL. NO. 9 WIRE

Nos.	91	92	93
Size, inches,	8×7	10×8	12×9
Per dozen,	\$8.00	9.50	11.00
Nos.	94	95	96
Size, inches,	14×10	16×11	18×13
Per dozen,	\$12.50	14.50	16.50

Half dozen in a package.

REVERSIBLE OYSTER BROILERS



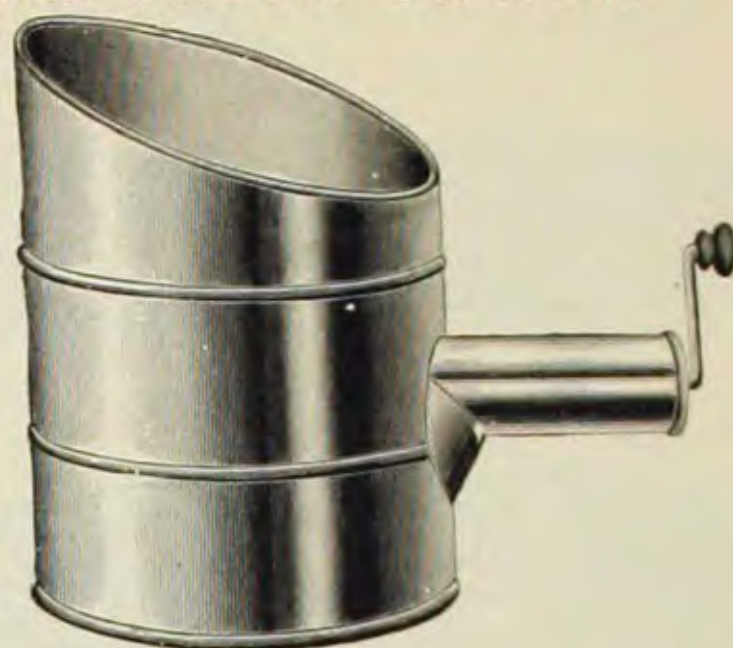
NO. 16 WIRE

Nos.	160	161	162	163	164	Size, inches,
Size, inches,	6×9	8×9	10×9	12×9	14×9	Mesh,
Per dozen,	\$5.00	6.00	7.00	8.00	9.00	Per dozen,

Half dozen in a package.

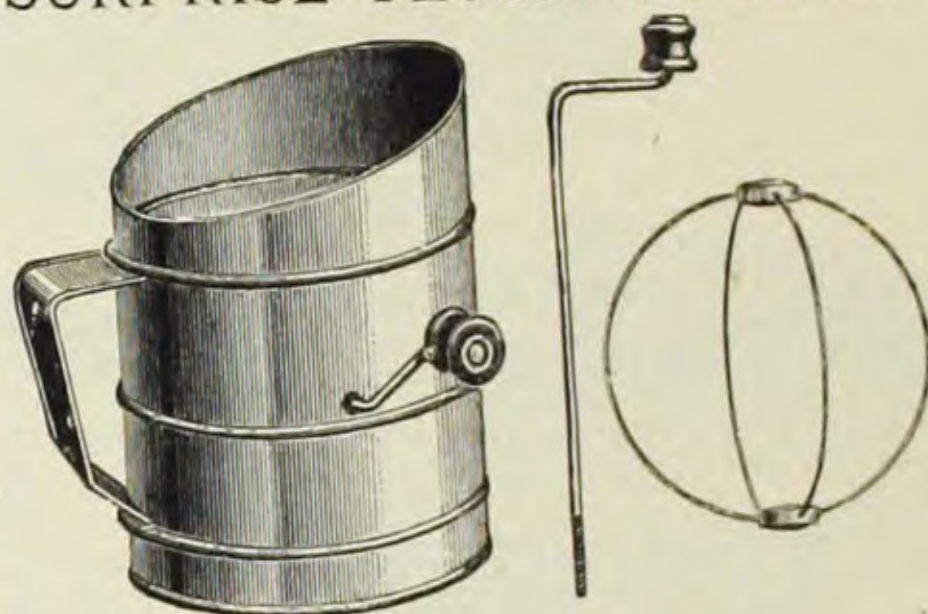
NO NAME FLOUR SIFTERS

933



Per dozen, \$2.50
One dozen in a case.

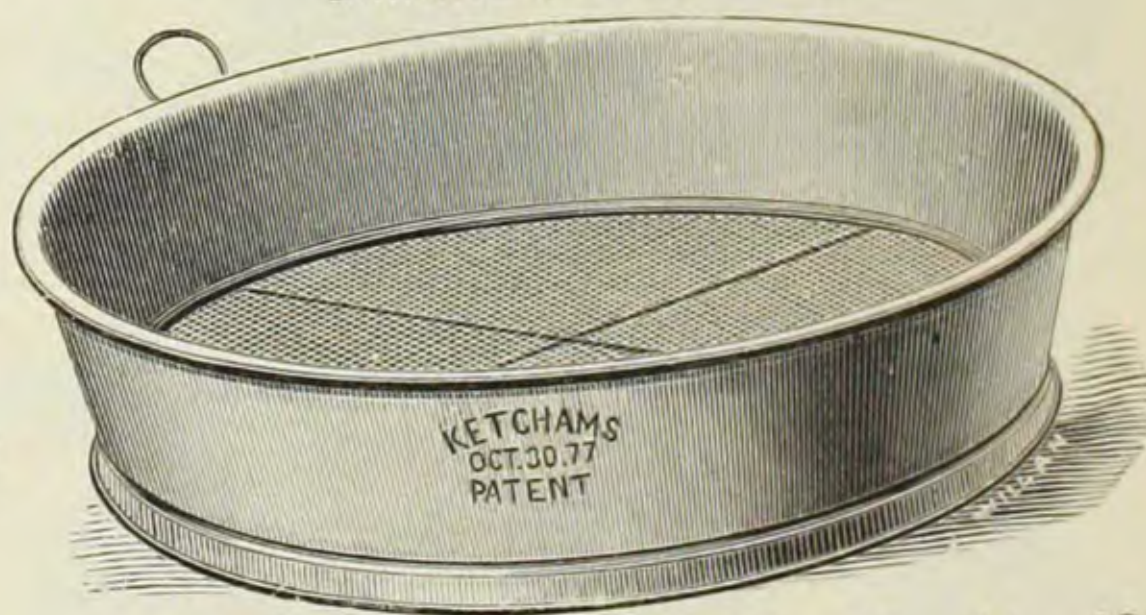
SURPRISE FLOUR SIFTERS



Per dozen, \$2.25
One dozen in a case.

PATENT METALLIC SIEVES

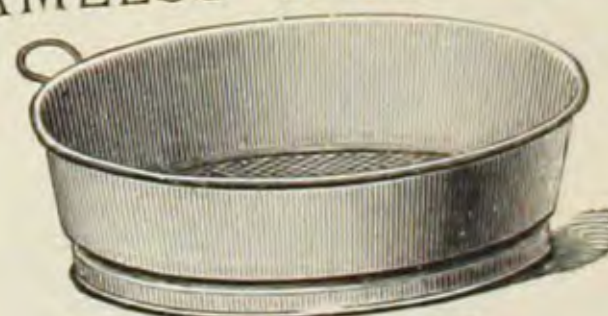
DIAMETER, 12 $\frac{3}{8}$ INCHES



Mesh,	14	16	18	20	24	30
Iron Wire, doz.,	\$4.00	4.00	4.25	4.50	5.00	
Plated " " "	4.75	5.00	5.25	5.50	6.00	8.50

One dozen in a case.

SEAMLESS JELLY SIEVES

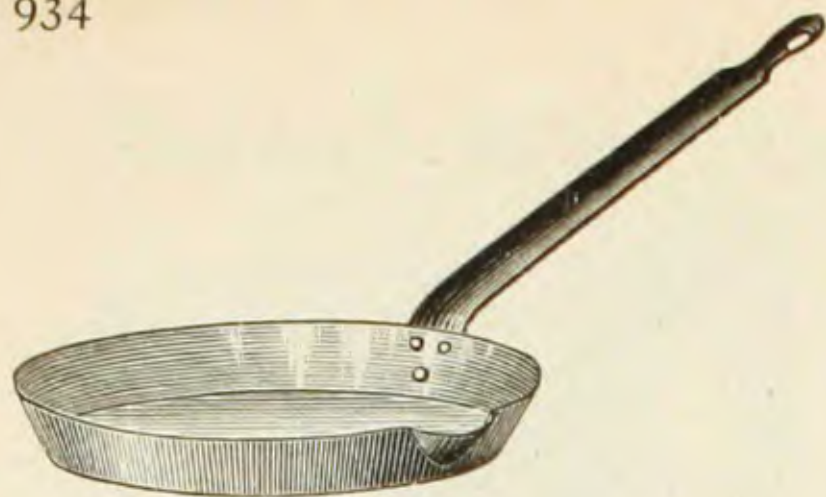


PLATED WIRE

Size, inches,	8	10
Mesh,	30	24
Per dozen,	\$11.25	15.00

One dozen in a case.



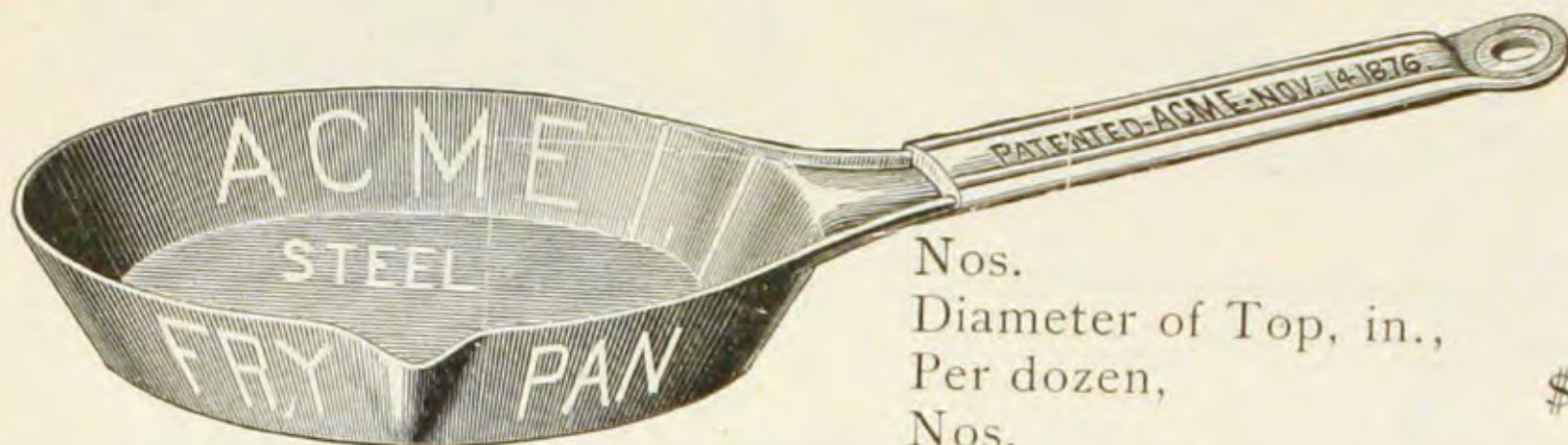


BURNISHED FRY PANS

LIPPED

Nos.	0	1	2	3	4
Diameter at Top, inches,	7 5/8	8 1/2	9	9 3/8	10
Per dozen,	\$3.00	3.75	4.25	4.75	5.25
Nos.	5	6	7	8	
Diameter of Top, inches,	11 1/4	12	13 1/8	14 1/8	
Per dozen,	\$6.00	7.00	8.00	9.00	

Half dozen in a package.



ACME FRY PANS

DEEP, POLISHED, AND LIPPED
COLD HANDLE

Nos.	00	0	1	2	3
Diameter of Top, in.,	6	8	8 1/2	9	9 1/2
Per dozen,	\$2.50	3.00	3.75	4.25	4.75
Nos.	4	5	6	7	
Diameter of Top, inches,	10	11	12	13	
Per dozen,	\$5.25	6.00	7.00	8.00	

Quarter dozen in a package.

BROOKLYN STEEL
SKILLETS

COLD HANDLE, POLISHED

Nos.	7	8	9
Each,	\$0.50	.60	.70

Quarter dozen in a package.

EMPIRE (COLD HANDLE)
STEEL SPIDERS

POLISHED, NO. 14 STANDARD GAUGE

Nos.	7	8	9	10	11
Diameter at bottom, in.,	8	9	10	11	12
Each,	\$0.65	.75	.90	1.10	1.30

Quarter dozen in a package.

FOOT WARMERS AND GRIDDLES



SOAPSTONE GRIDDLES

Round, inches,	10	12	14	16
Per dozen,	\$8.75	12.50	16.25	18.75
Oval, inches,	9 x 18	10 x 20	11 x 22	
Per dozen,	\$15.00	18.75	22.50	

SOAPSTONE FOOT WARMERS

Size, inches,	4 x 6	5 x 7	6 x 8	7 x 9
Per dozen,	\$2.50	3.12	3.75	4.37
Size, inches,	8 x 10	8 x 12	10 x 12	12 x 15
Per dozen,	\$5.00	5.62	6.25	7.50

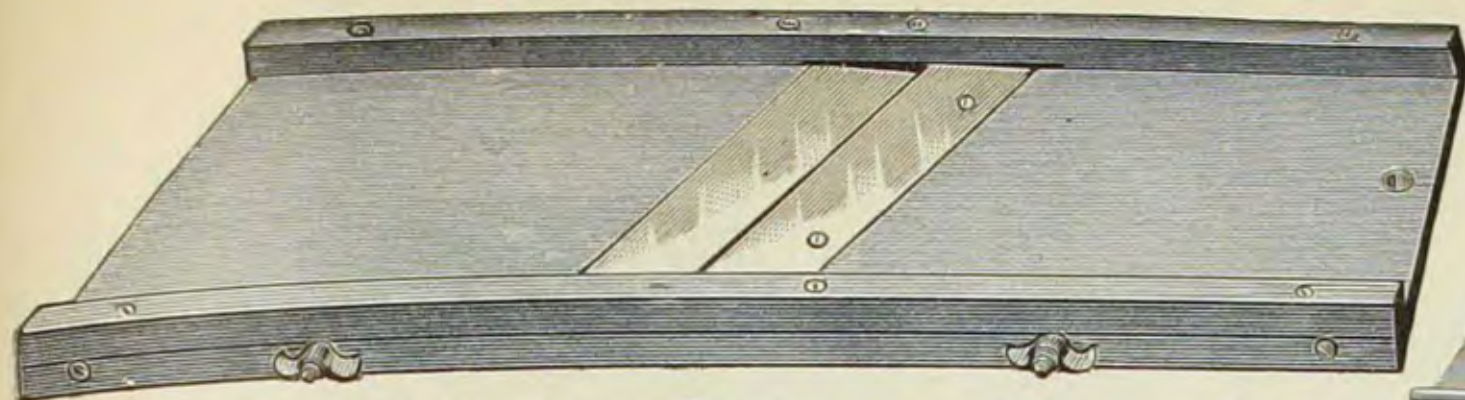
CROWN STOVE MATS
FIREPROOFASBESTOS CENTER, HEAVY METAL
BOUND

9 in. diameter, per doz., \$0.80



SLAW CUTTERS

935



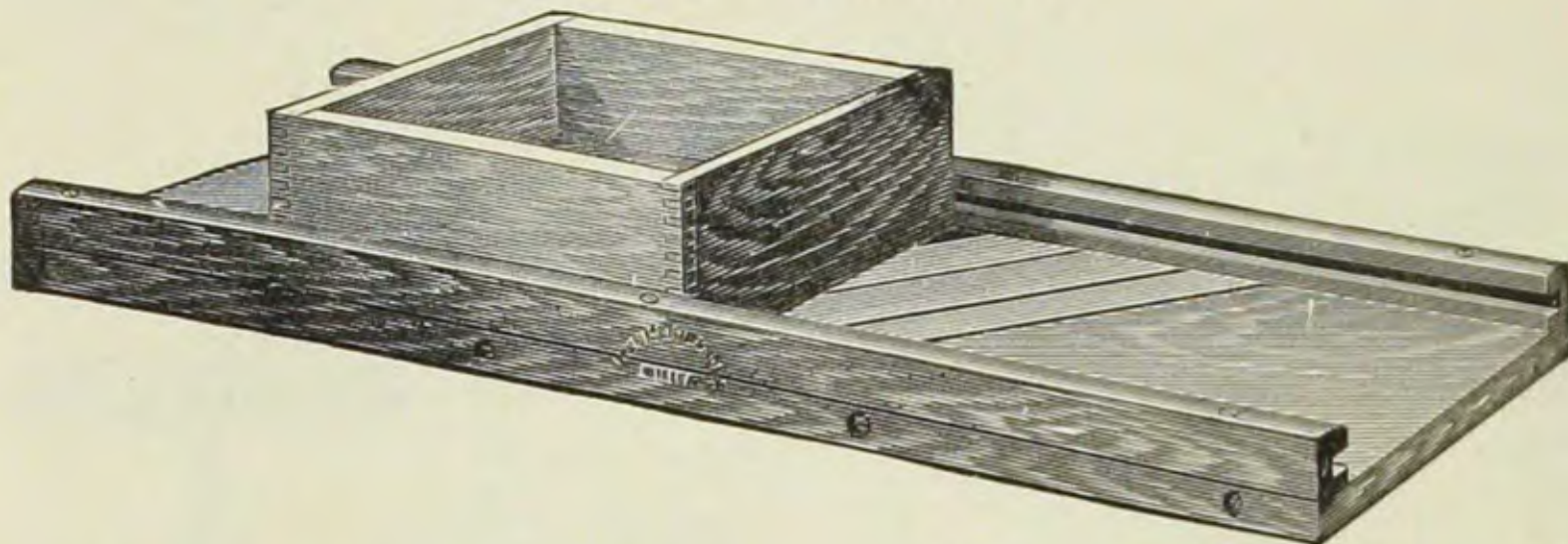
No. 1	Knife, Adjustable Blade,	per dozen, \$2.75
No. 2	" " "	" " 4.00
No. 3	" " "	" " 5.00

VEGETABLE CUTTERS



Per dozen, \$1.80

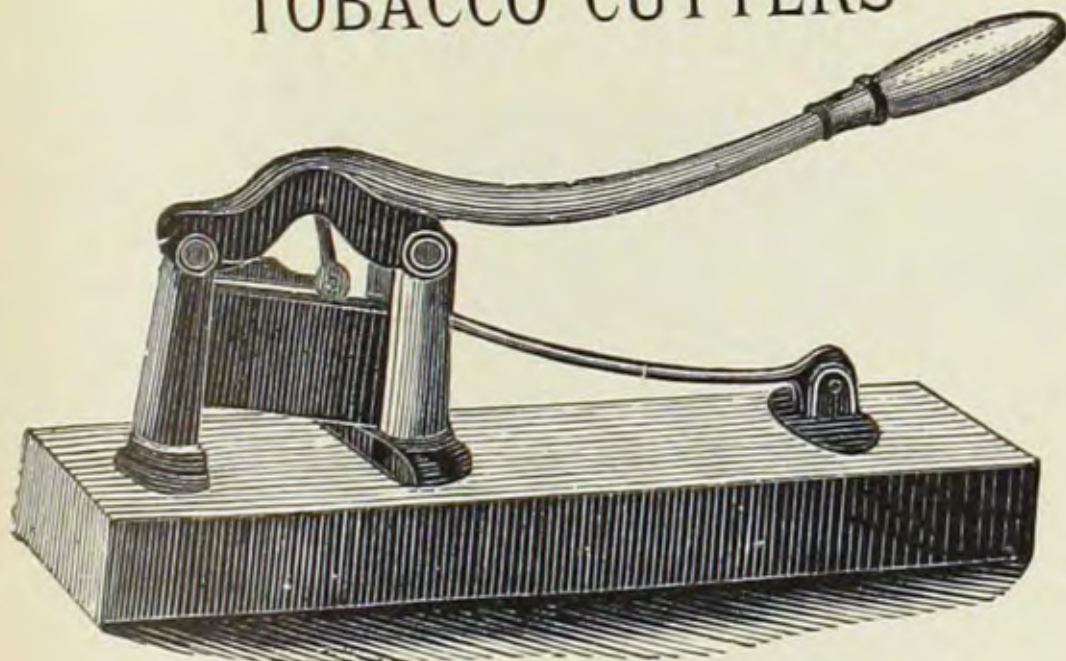
CROUT CUTTERS



Nos.	241	242	243	244	
Box, 24 x 7 in.,	1	2	3	4	Knives.
Per dozen,	\$12.75	13.50	14.25	15.00	
Nos.			362	363	
Box, 36 x 12 in.,			2	3	Knives.
Each,			\$3.75	4.25	

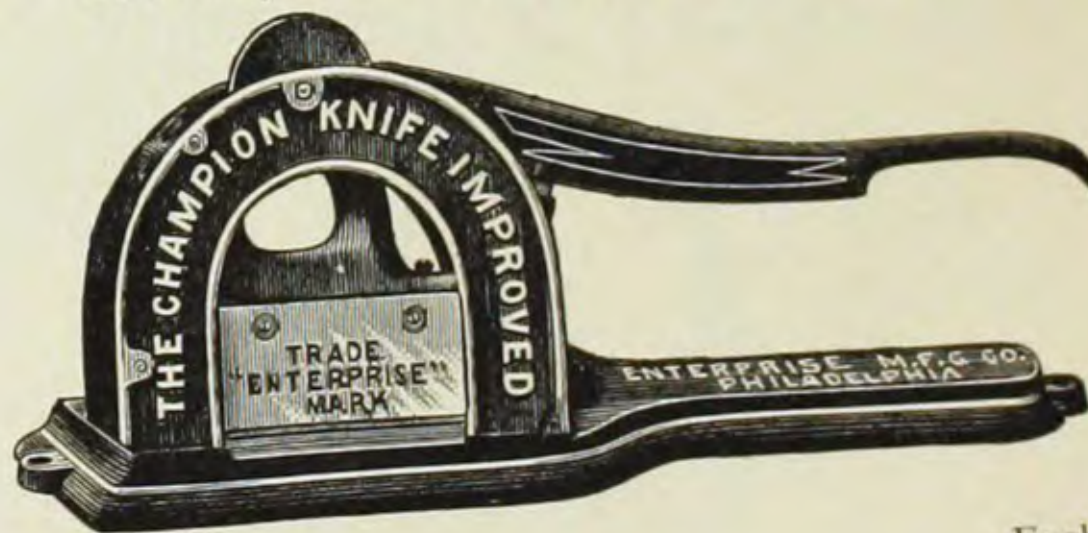
Nos.	302	303	304	
Box, 30 x 9 in.,	2	3	4	Knives.
Per dozen,	\$23.50	27.00	32.25	
Nos.	404	405	406	
Box, 40 x 12 in.,	4	5	6	Knives.
Each,	\$5.50	6.00	7.00	

TOBACCO CUTTERS



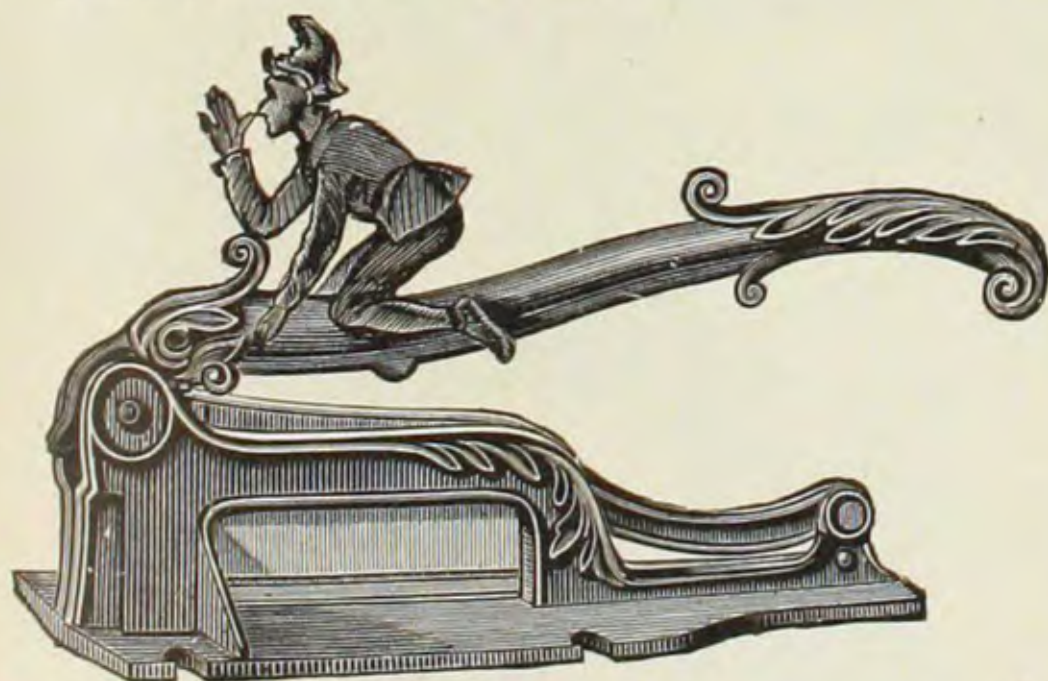
No.	No. 1	Per dozen.
1	Wood Bottom, Japanned,	\$9.00

ENTERPRISE CHAMPION TOBACCO, ROOT, AND HERB CUTTERS

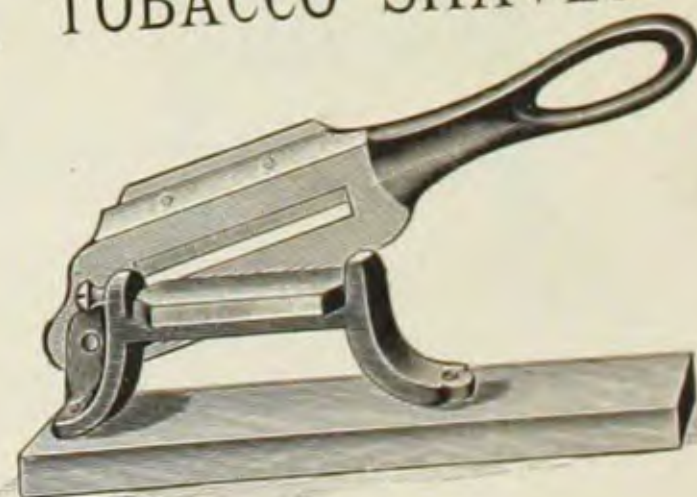


No.		Each.
1	Cuts plug, 4 3/8 inches wide,	\$1.75
2	Root Cutter, cuts 4 7/8 inches wide,	2.50
3	With Cigar End Cutter, cuts plug 4 3/8 inches wide,	2.25
Nos. 1 and 3, twelve in a case; No. 2, six.		

TOBACCO SHAVES



No.	No. 2	Per dozen.
2	All Iron, with Image, Japanned,	\$6.75
One dozen in a case.		



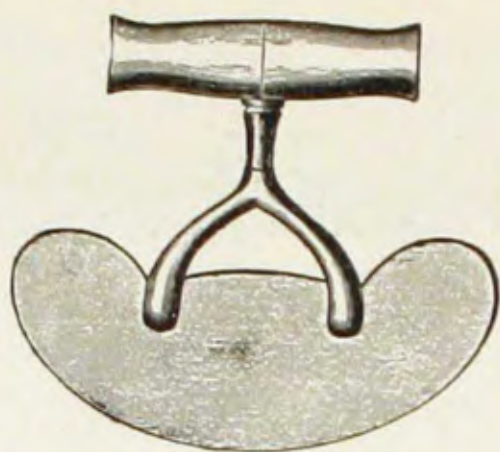
Per dozen,

\$7.50



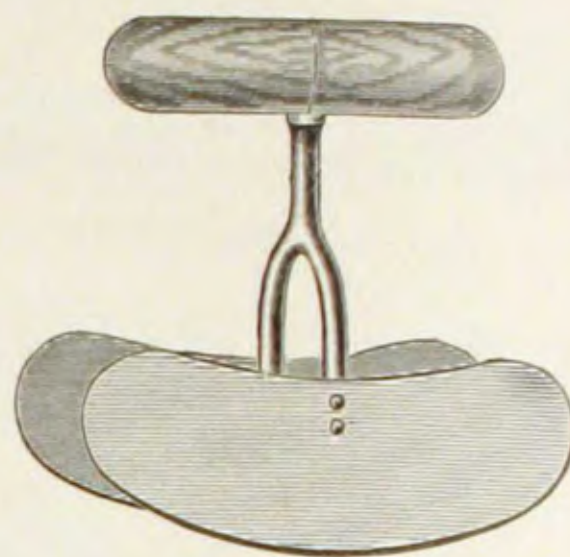
MINCING KNIVES

CAST STEEL BLADES



No. 31 Single Blade,

Per dozen.
\$1.20



No. 33 Double Blade,

Per dozen.
\$2.00

EXTRA CAST STEEL FORGED MINCING KNIVES



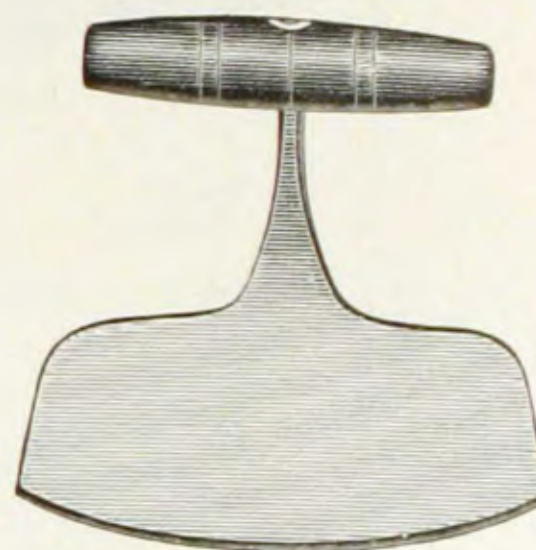
No. 0 Cast Steel, Double Tang,

Per dozen.
\$5.50

13 " " " "

6.00

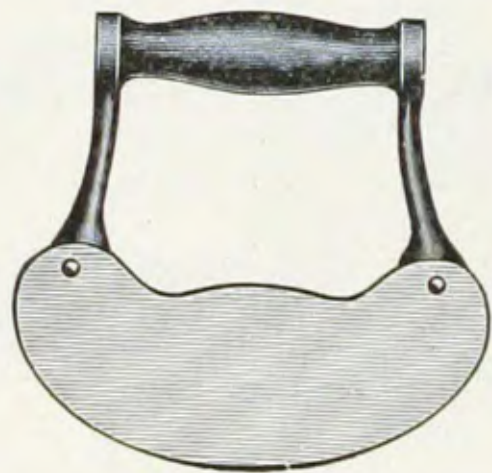
130 " " " " Fine Finish, Black Enameled Handle, 8.00



No. 2 Cast Steel, Single Tang,

Per dozen.
\$7.00

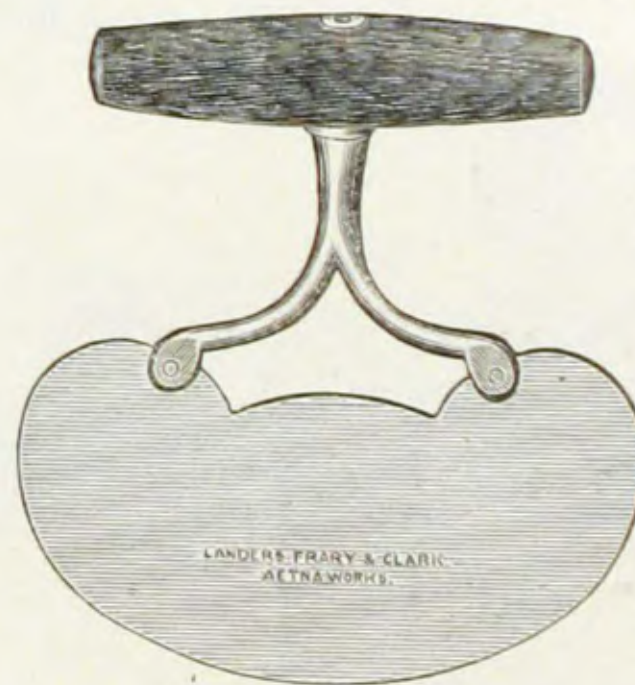
IRON HANDLE MINCING KNIVES



No. 5 Japanned Handle, Medium,
4 " " Large,

Per dozen.
\$3.25
3.75

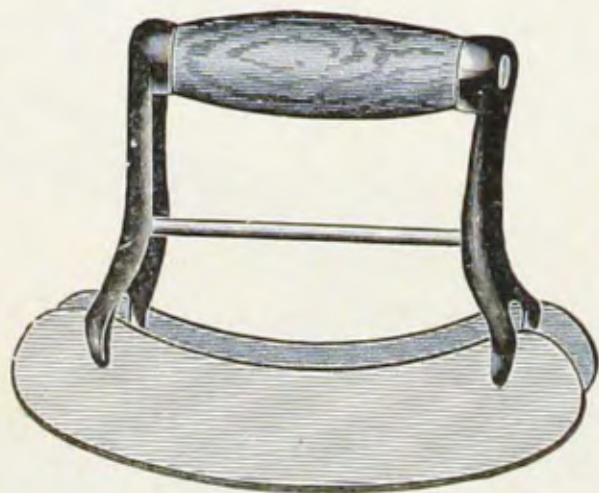
MINCING KNIVES



No. 1000 Hand Forged Blade, Red Handle, \$7.20

Per dozen.

TENSION MINCING KNIVES



No. 199 Double Blade, Plain Handle,
1990 " " Black "

Per dozen.
3.00
3.50

W. M. & C. MINCING KNIVES
HEAVY CAST STEEL BLADES

No. 6 Varnished Handles,
8 " "

Per dozen.
\$6.00

208 " " Blued Blade, 8.25

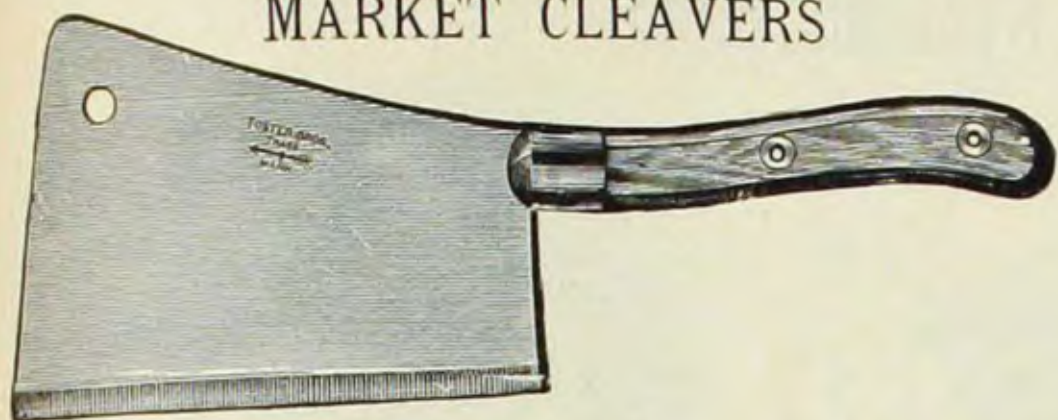
All above, one dozen in a box.



FOSTER BROTHERS' CLEAVERS

937

MARKET CLEAVERS



Size, inches,	6	7	8	9
Weight, lbs.,	2	2 1/2	3	3 1/2
Per dozen,	\$14.00	15.00	17.00	20.00
Size, inches,	10	12	14	
Weight, lbs.,	4 1/2	5 1/2	6 1/2	
Per dozen,	\$23.00	28.00	33.00	

FAMILY CLEAVERS



Size, inches,	6	7	8
Per dozen,	\$8.50	9.00	10.00

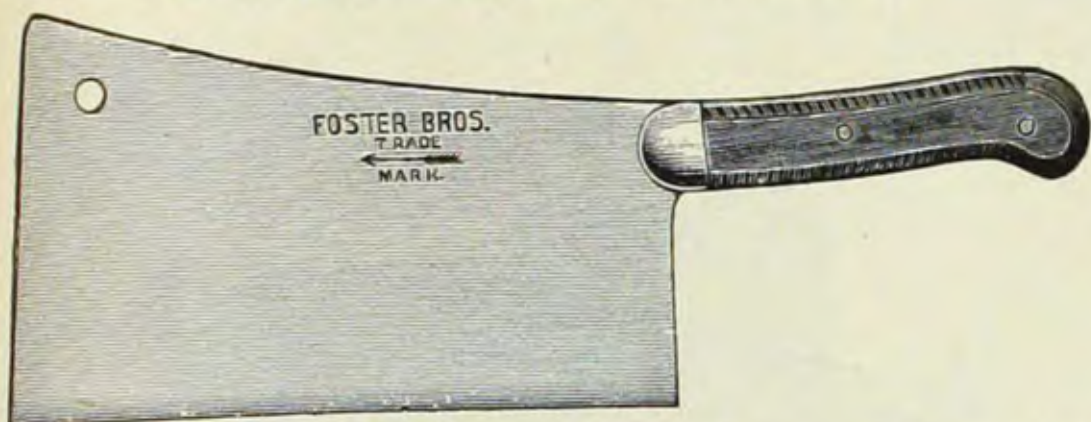
LAMB CLEAVERS



Size, inches,	8	9	10	11	12
Per dozen,	\$10.00	11.00	12.00	13.00	14.00

Weight, 1 1/4 to 2 1/2 pounds.

SAUSAGE MEAT CHOPPERS



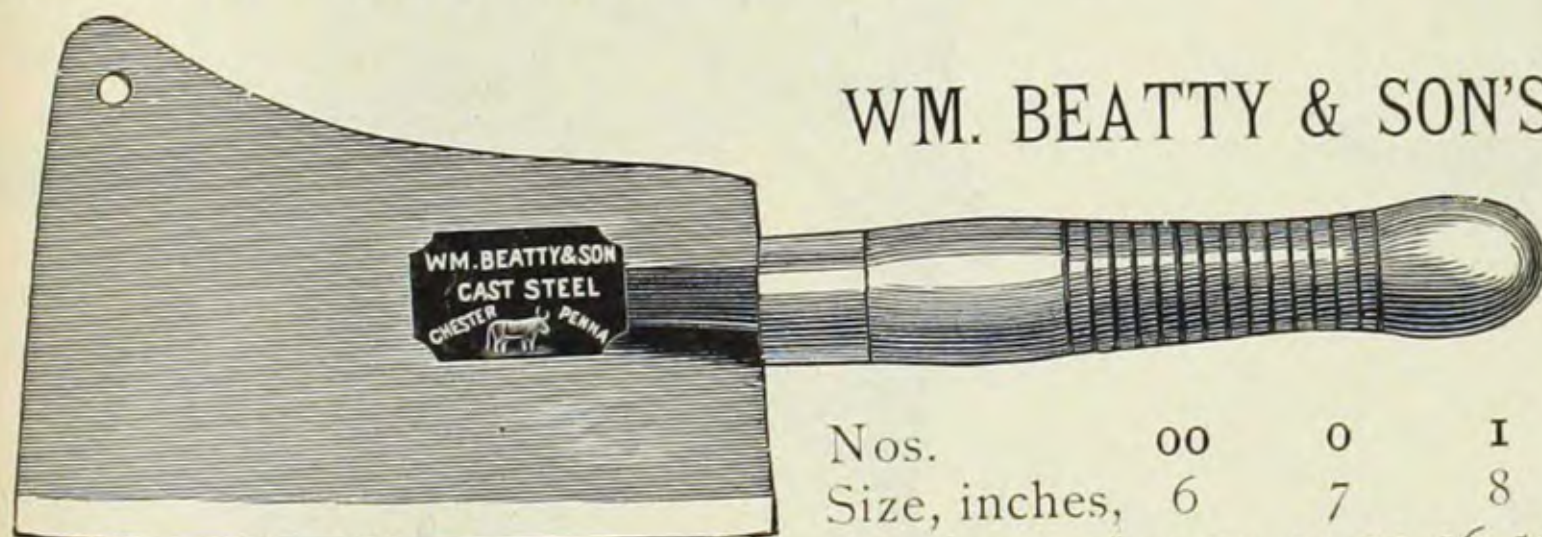
Size, inches,	7	8	9	10	12
Per dozen,	\$12.50	13.50	15.50	17.50	21.00

N. Y. LAMB SPLITTERS



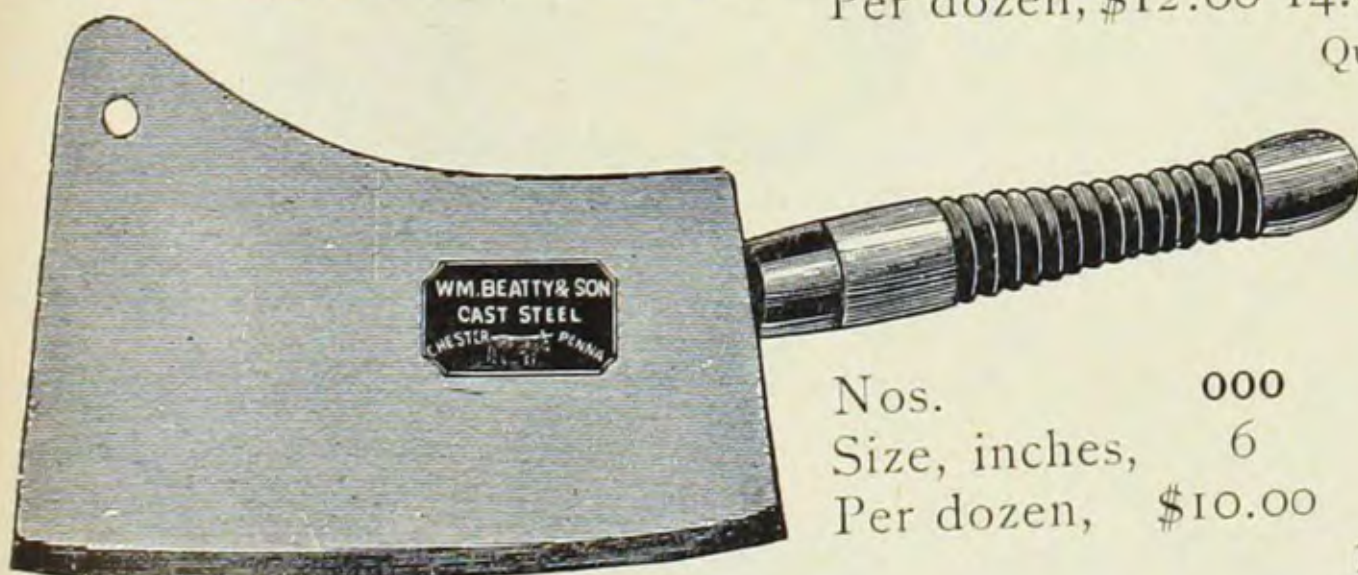
Size, inches,	12	14
Per dozen,	\$15.00	20.00

WM. BEATTY & SON'S BUTCHERS' CLEAVERS



Nos.	00	0	1	2	3	4	5	6
Size, inches,	6	7	8	9	10	11	12	13
Per dozen,	\$12.00	14.00	16.50	19.00	21.50	24.00	27.00	30.00

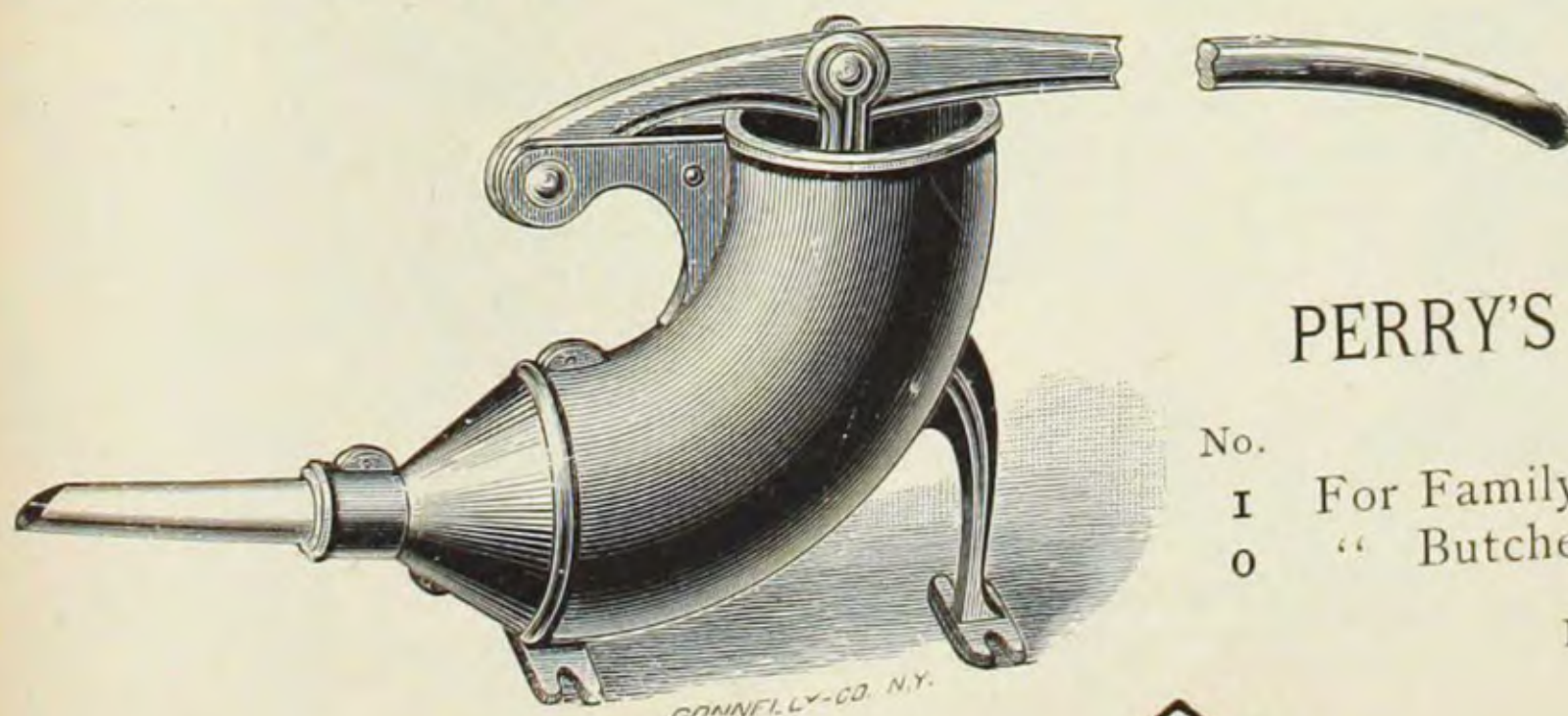
Quarter dozen in a package.



WM. BEATTY & SON'S BUTCHERS' CHOPPERS

Nos.	000	00	0	1	2
Size, inches,	6	7	8	9	10
Per dozen,	\$10.00	11.50	13.50	15.00	16.50

Half dozen in a package.



PERRY'S SAUSAGE FILLERS

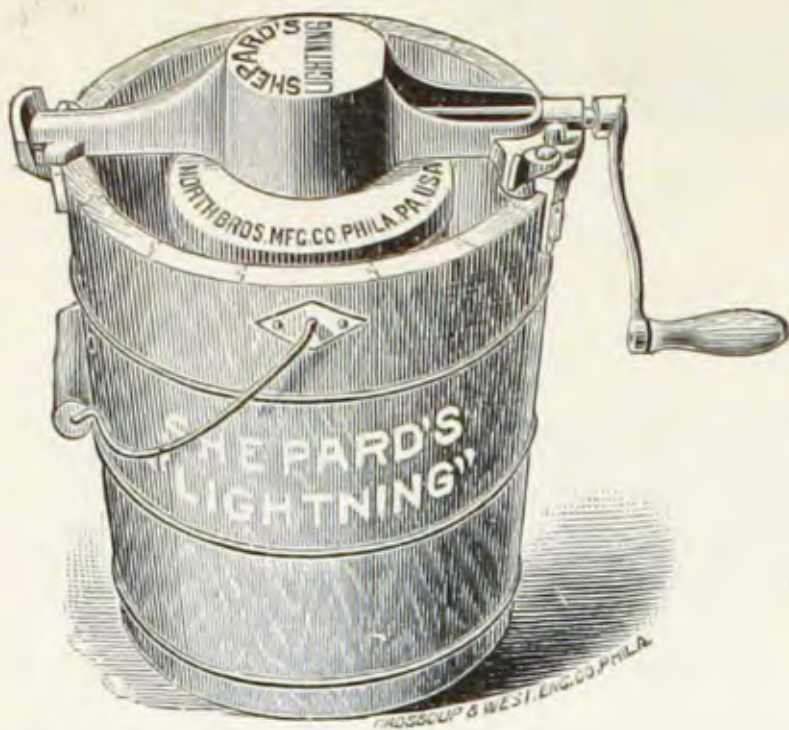
No.		Per dozen.
1	For Family use,	\$15.00
0	" Butchers' use,	21.00

Half dozen in a case.

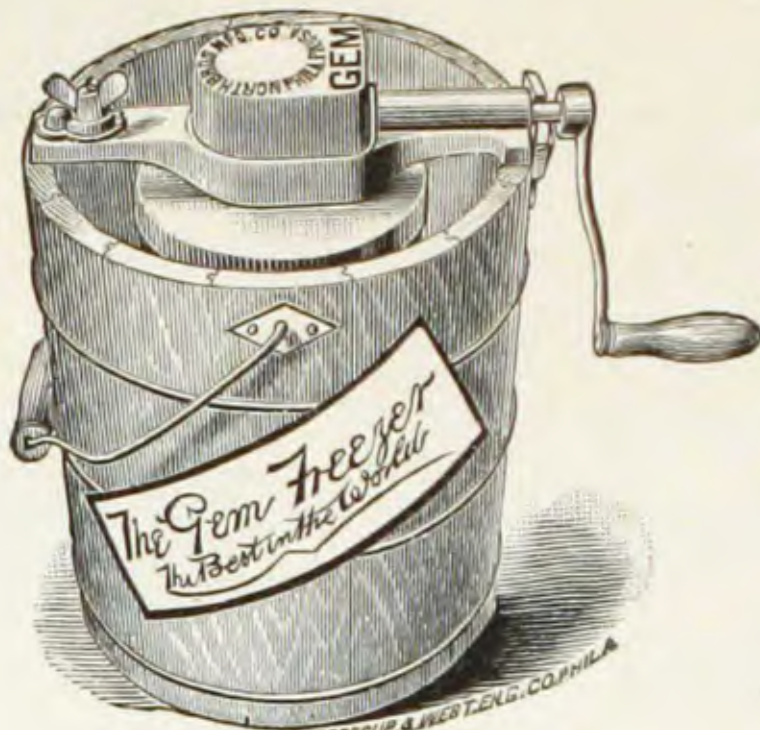


ICE CREAM FREEZERS

LIGHTNING



GEM



BLIZZARD



Quarts,
Each,

2
\$3.75

3
4.50

4
5.50

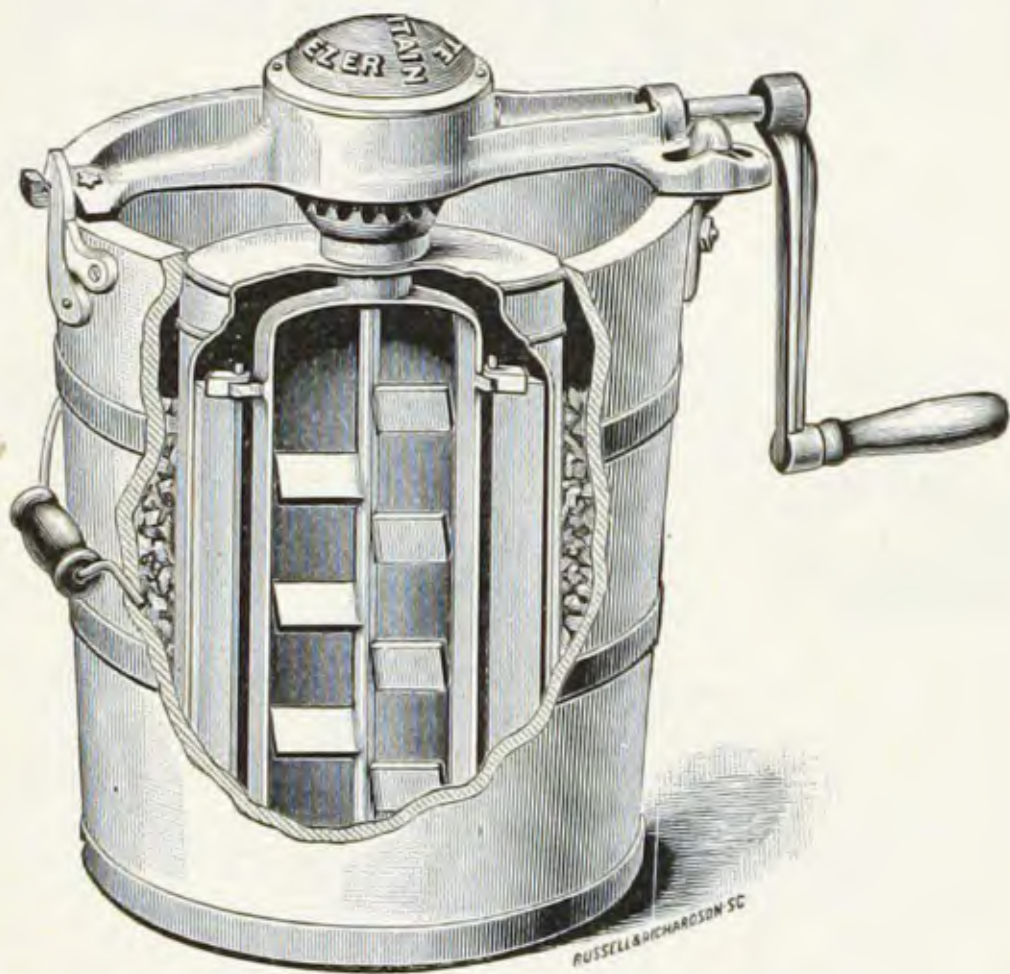
6
7.00

8
9.00

10
12.00

14
15.00

WHITE MOUNTAIN



ARCTIC



Quarts,

White Mountain, each, \$3.25

1

2

3

4

6

8

10

12

15

20

25

Arctic, " 3.75 4.50 5.50 7.00 9.00 12.00 14.00 17.00 23.00 28.00

CROWN ICE CHIPPERS

For chipping Ice to use in Ice Cream Freezers, in place of the old-time bag and hatchet; used to advantage also in Hotels, Restaurants, Barrooms, etc.

Per dozen,

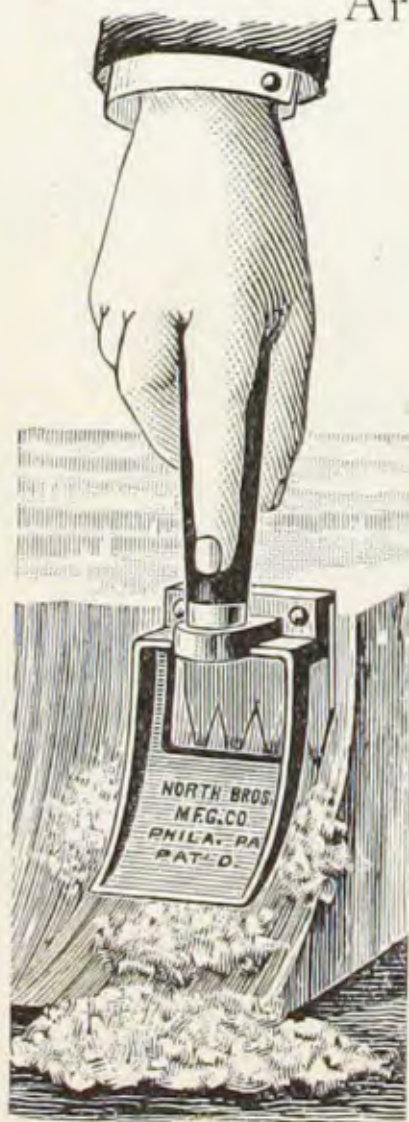
\$5.50

GEM ICE SHAVES

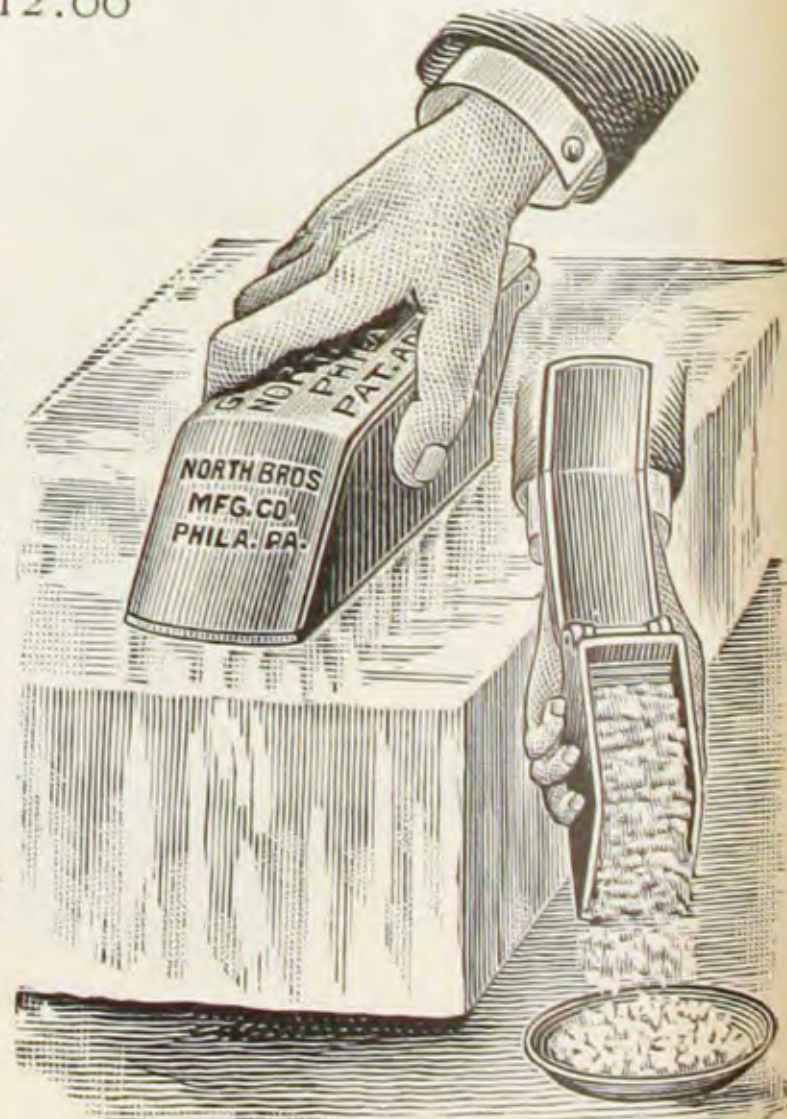
For Shaving Ice to use in cooling Melons, Oysters, Wines, Liquors, Iced Drinks of all kinds.

Per dozen,

\$5.50



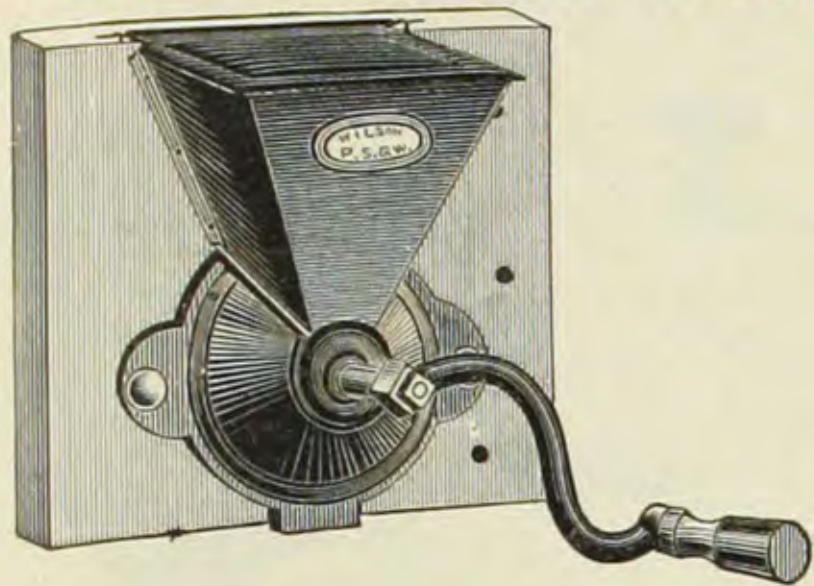
Ice Chippers



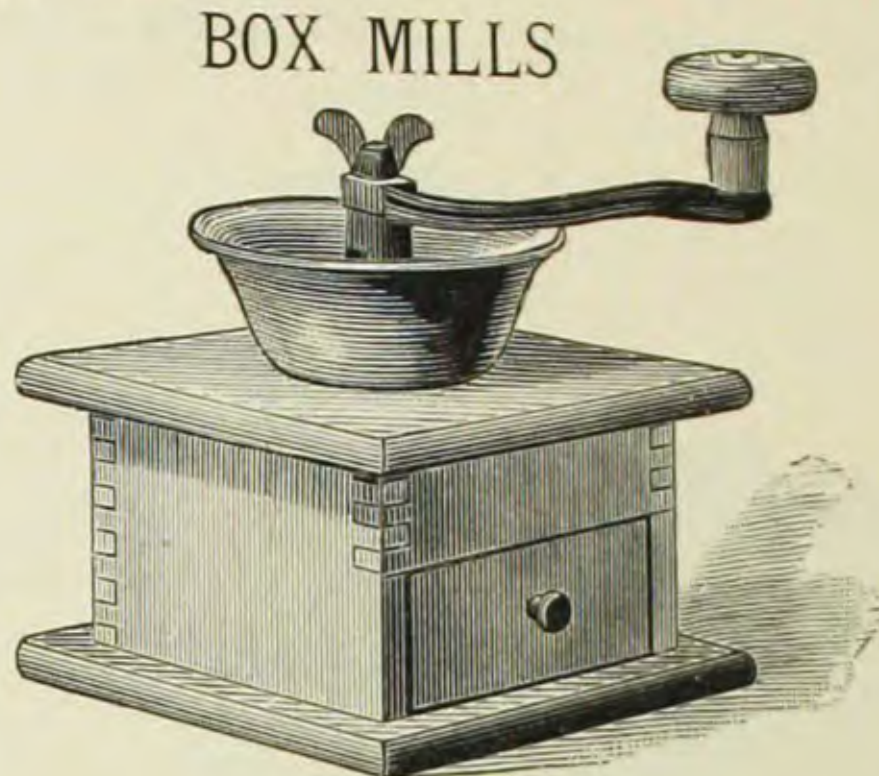
COFFEE MILLS

SIDE OR COVERED MILLS

939



No.					Per dozen.
	CALIFORNIA, Ex. Large, one-third doz. in a case,				\$25.00
0	Large Size,	half	"	"	15.00
1		"	"	"	9.00
2		one	"	"	7.50
3		"	"	"	6.50
	IMITATION WILSON,	"	"	"	6.00
6	Japanned Iron Hopper,	"	"	"	5.00



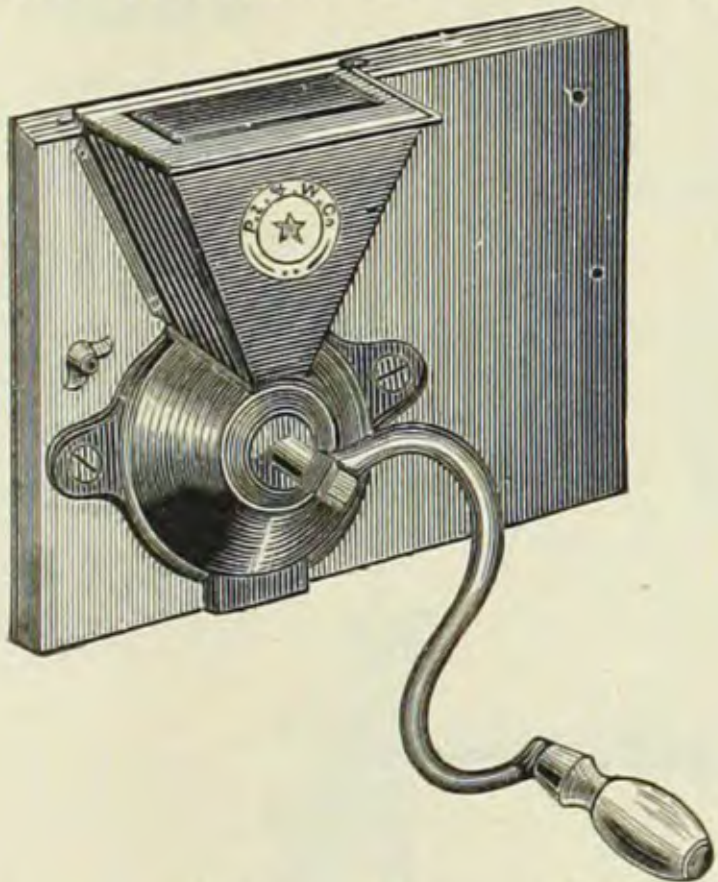
BOX MILLS

IRON HOPPER

Nos.	1	2	3	4
Per dozen,	\$9.50	8.50	7.00	6.00

EXTRA QUALITY SIDE MILLS

EXTRA QUALITY BOX MILLS



Nos.	150	160	170	180	190
Per dozen,	\$7.50	8.00	10.00	16.00	26.00

No. 190, one-third dozen in a case; other Nos., half dozen.



IRON HOPPER

Nos.	70	1001	1002	1003	1004
Per dozen,	\$11.00	10.00	9.50	9.00	8.50

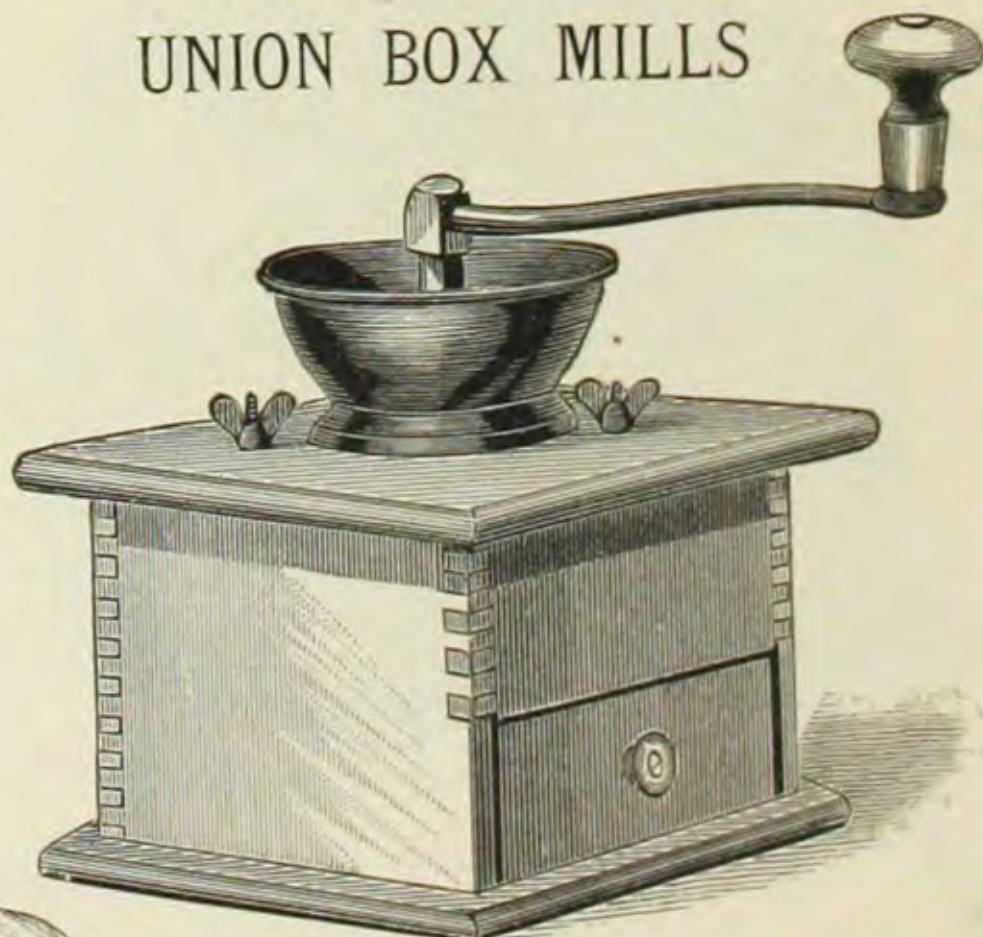
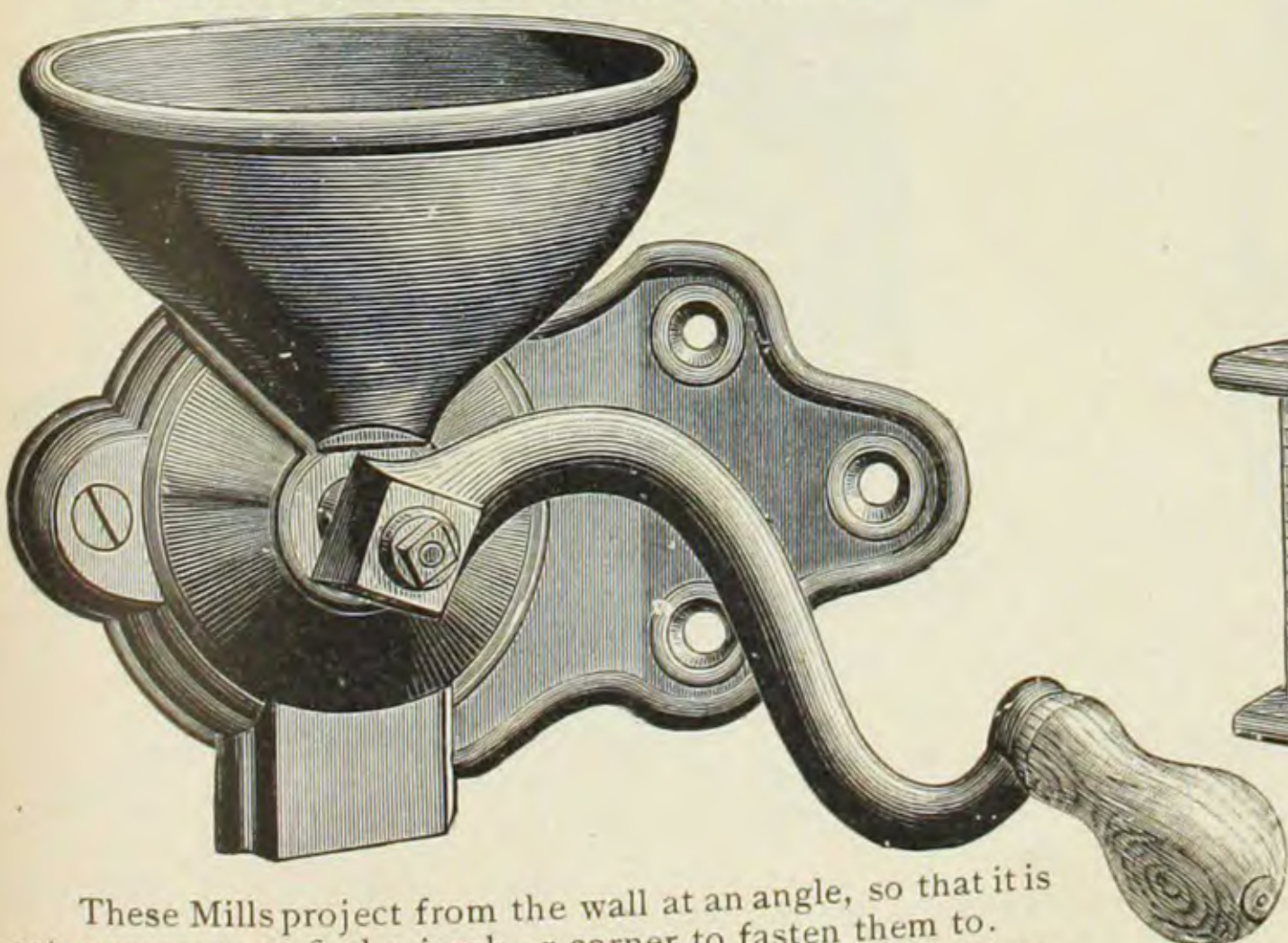
BRITANNIA HOPPER

Nos.	75	1005	1006	1007	1008
Per dozen,	\$14.00	13.00	12.00	11.50	11.00

POPULAR MILLS

JAPANNED, WITH CHILLED GRINDERS

UNION BOX MILLS



No.		Per dozen.
25	Iron Hopper, Double Grinders,	\$15.00
35	Britannia " "	17.50

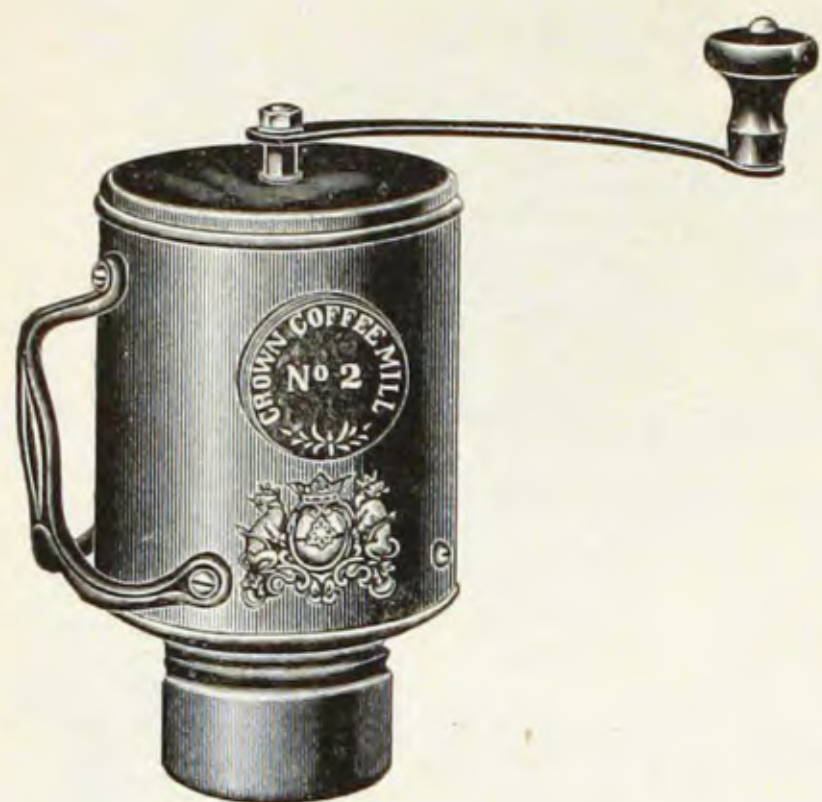
All above, half dozen in a case.

These Mills project from the wall at an angle, so that it is not necessary to find a jamb or corner to fasten them to.
 No. 11 per dozen, \$7.00 No. 12 per dozen, \$6.00
 Half dozen in a case.



COFFEE MILLS

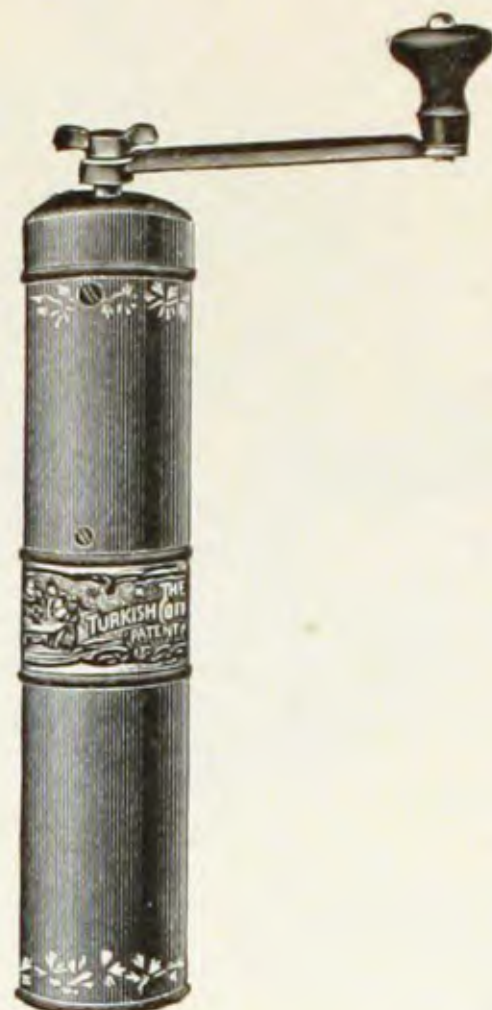
All parts are interchangeable and are strictly guaranteed. The grinders are warranted equal to steel. Readily opened for cleaning, easily adjusted to grind as fine or as coarse as desired.



Crown

One Pound Canister, Air Tight, Chilled Iron Grinders, Black Enamel Finish, Gilt Lettering.

No. 2 per dozen, \$10.00
Half dozen in a case.



Turkish

Black Enamel Finish, Handsomely Decorated. Grinds to a Fine Powder, for After Dinner Coffee.

Per dozen, \$10.00
One in a box.



Regal

One Pound Canister, Air Tight, Chilled Iron Grinders, Black Enamel Finish, Gilt Decoration.

No. 44 per dozen, \$7.00
Half dozen in a case.

STANDARD BOX



Sunken Hopper, Copper Bronzed, Iron Top and Cover.

No. 101

per dozen, \$13.00 No. 1
Half dozen in a case.

CROWN BOX



Sheet Steel Cases, Forged Steel Grinders, Brass Cover, Black Enamel Finish, Handsomely Decorated, Grinds 1/4 Pound per Minute, Will Pulverize.

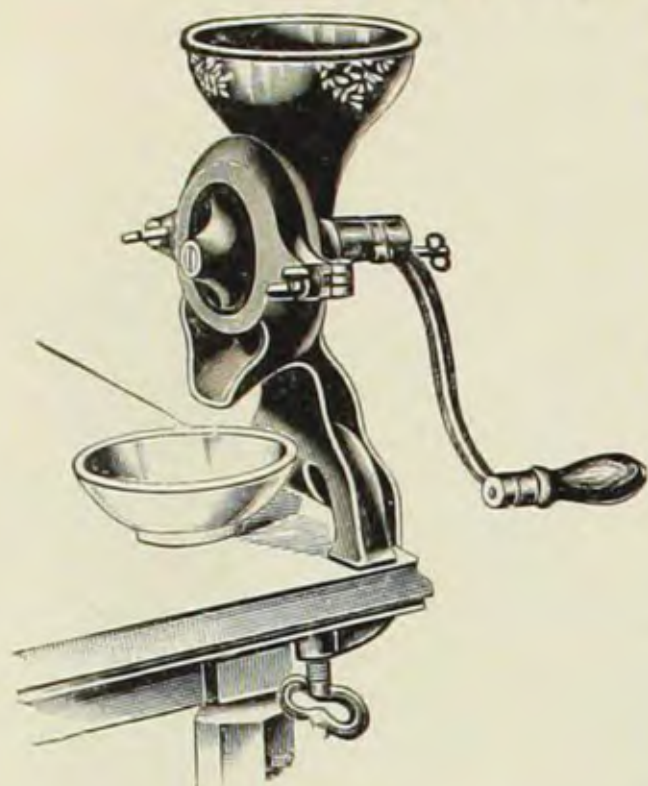
per dozen, \$20.00



CROWN COFFEE MILLS

GRINDERS WARRANTED EQUAL TO STEEL

941



No. 01

Weight, 6 pounds; height, 11½ inches; capacity of Hopper, 4 ounces; grinds 6 ounces per minute.

each, \$1.50

MILLS

NOS. 01, 11, 20, AND 30

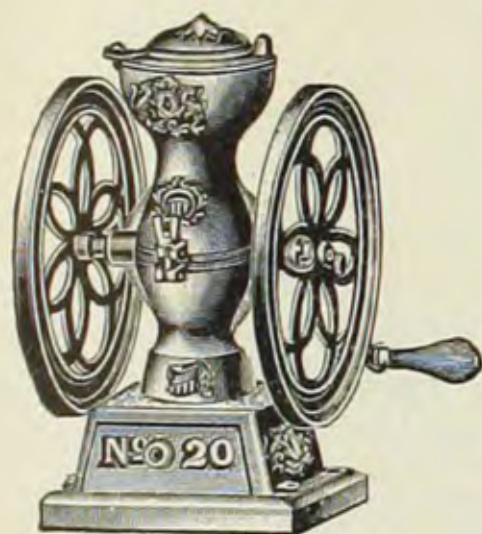
WILL PULVERIZE



No. 11

Weight, 10 pounds; height, 12½ inches; capacity of Hopper, 4 ounces; grinds 6 ounces per minute.

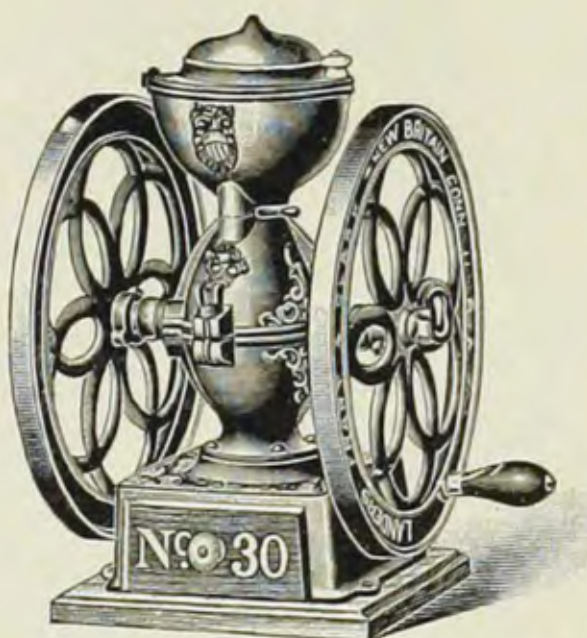
each, \$2.25



No. 20

Weight, 15 pounds; height, 12½ inches; capacity of Hopper, 4 ounces; grinds 6 ounces per minute.

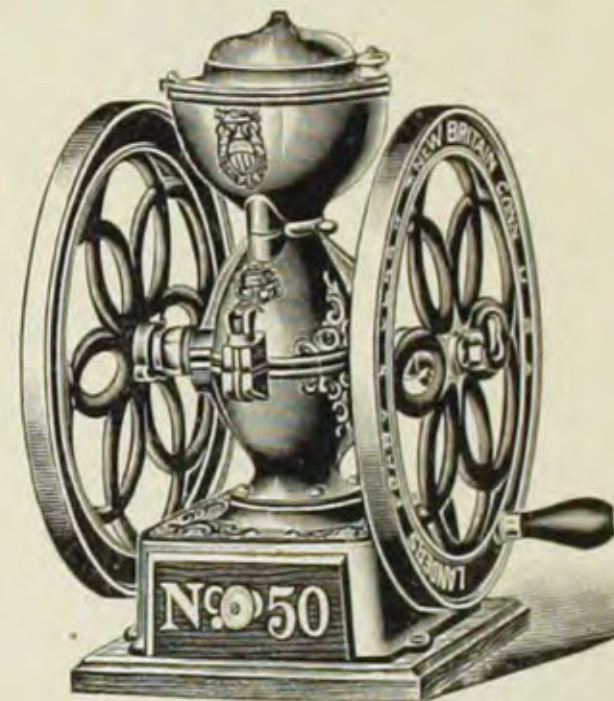
each, \$3.50



No. 30

Weight, 22½ pounds; height, 15 inches; capacity of Hopper, ½ pound; grinds ½ pound per minute.

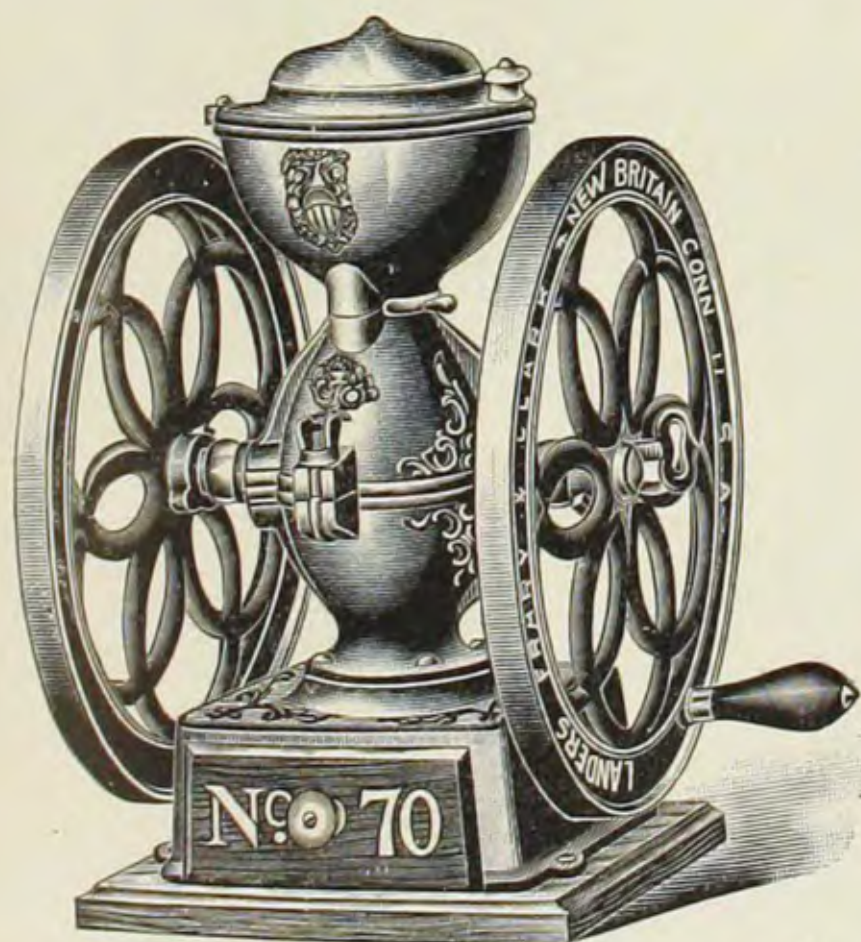
each, \$5.00



No. 50

Weight, 36 pounds; height, 17 inches; capacity of Hopper, ¾ pounds; grinds ¾ pounds per minute.

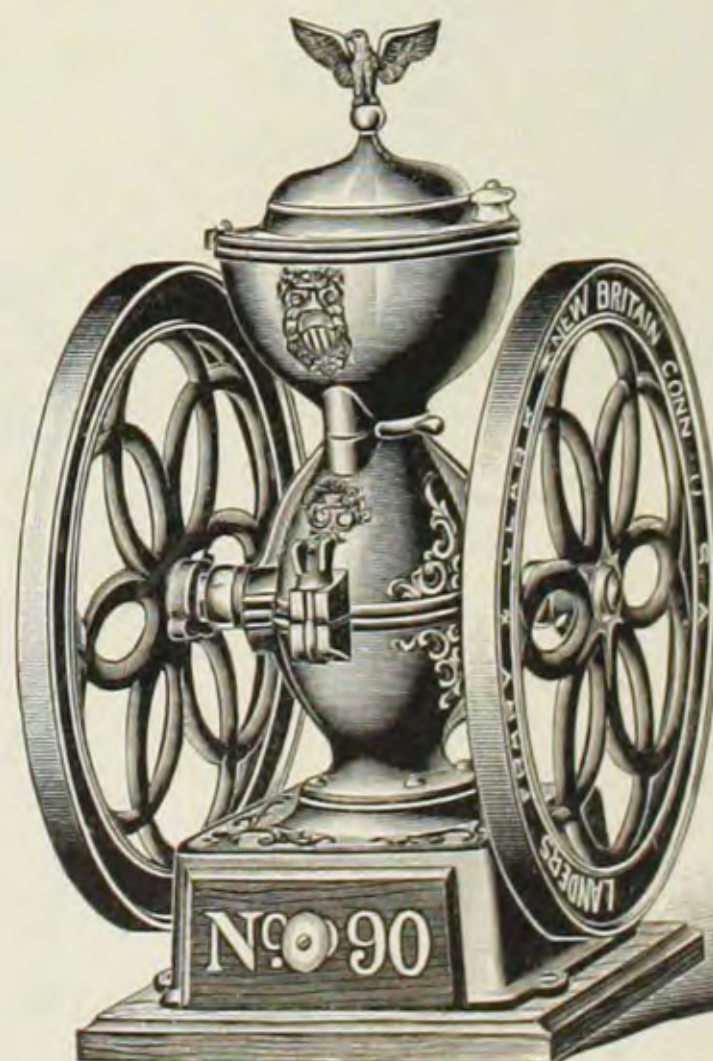
each, \$8.00



No. 70

Weight, 62 pounds; height, 21½ inches; capacity of Hopper, 1¾ pounds; grinds 1 pound per minute.

each, \$10.00



No. 90

Weight, 107 pounds; height, 24 inches; capacity of Hopper, 3 pounds; grinds 1½ pounds per minute.

each, \$16.00

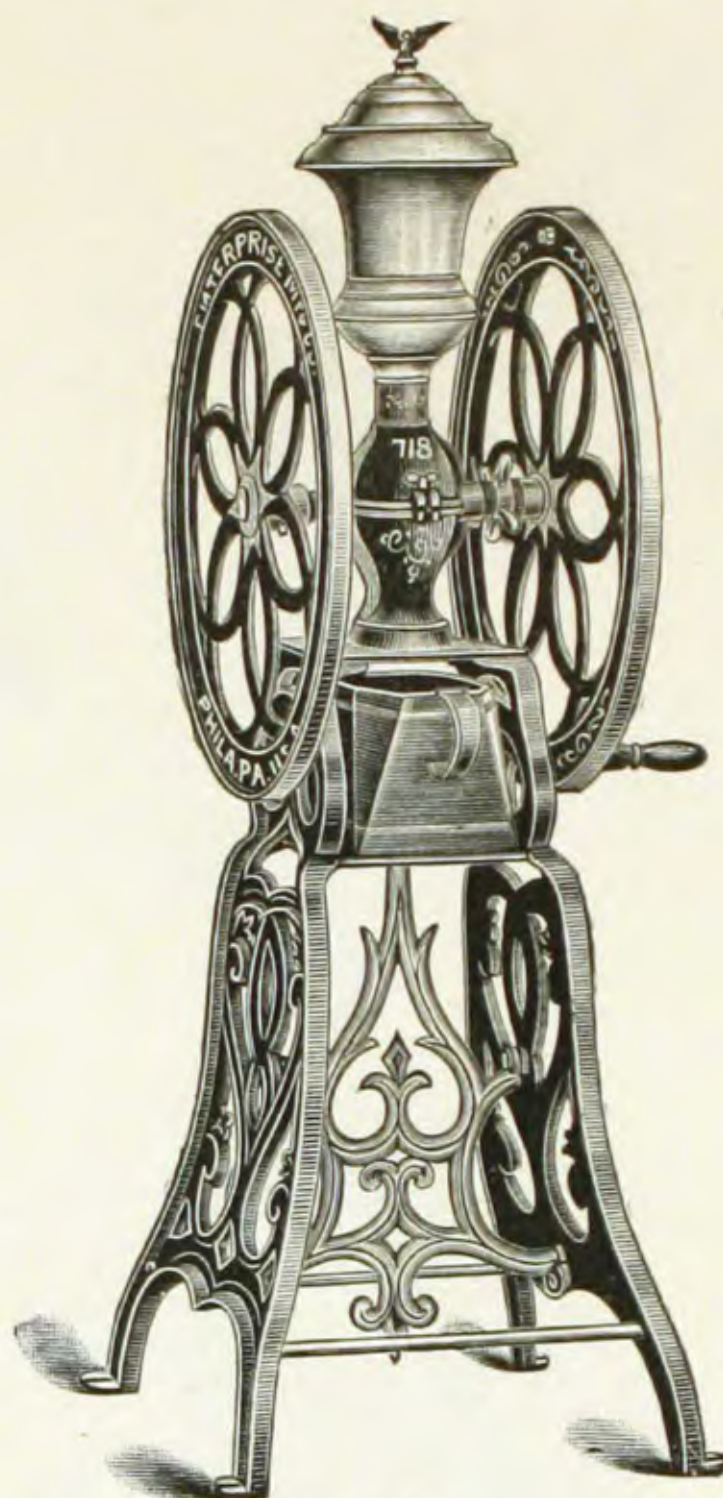
No. 01 six in a case; No. 11, three in a case; balance, one in a case.



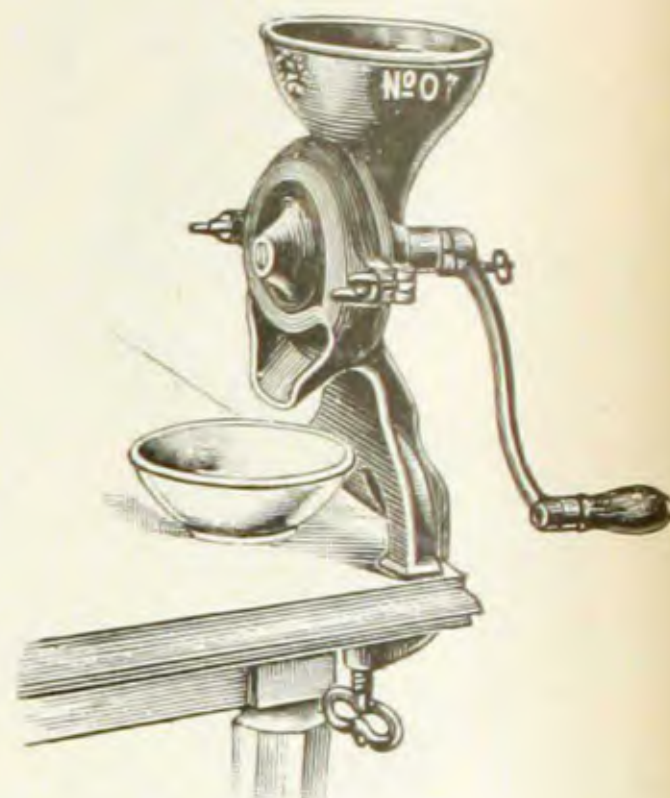
ENTERPRISE COFFEE, SPICE, AND DRUG MILLS



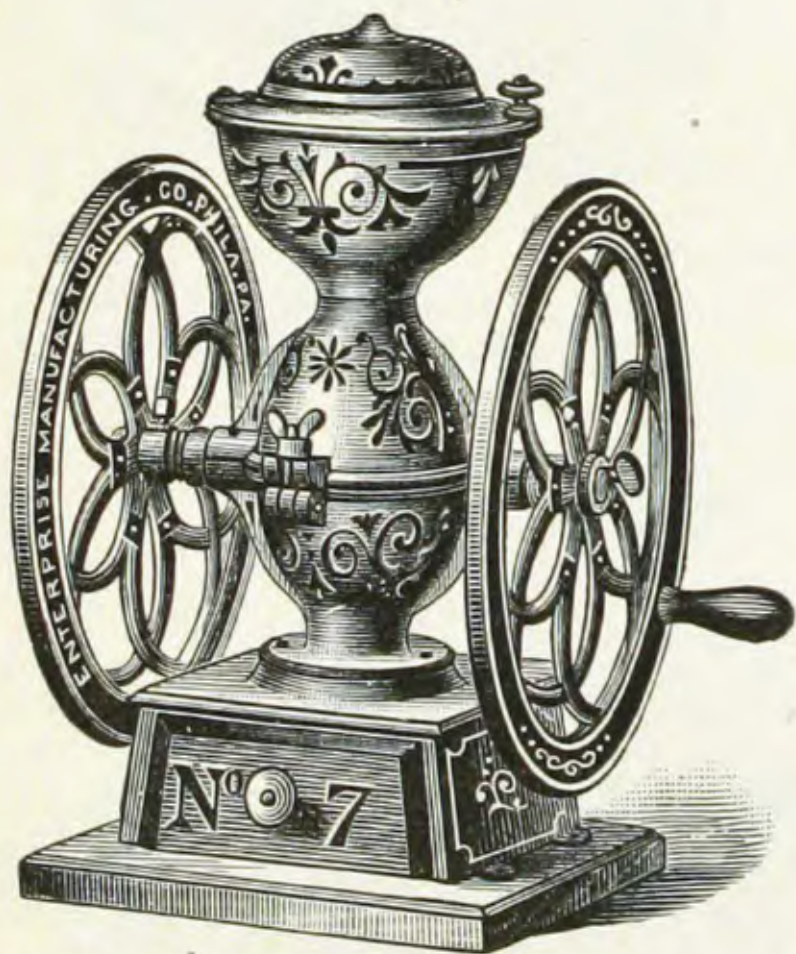
No. 00



No. 718
No. 716 Iron Hopper



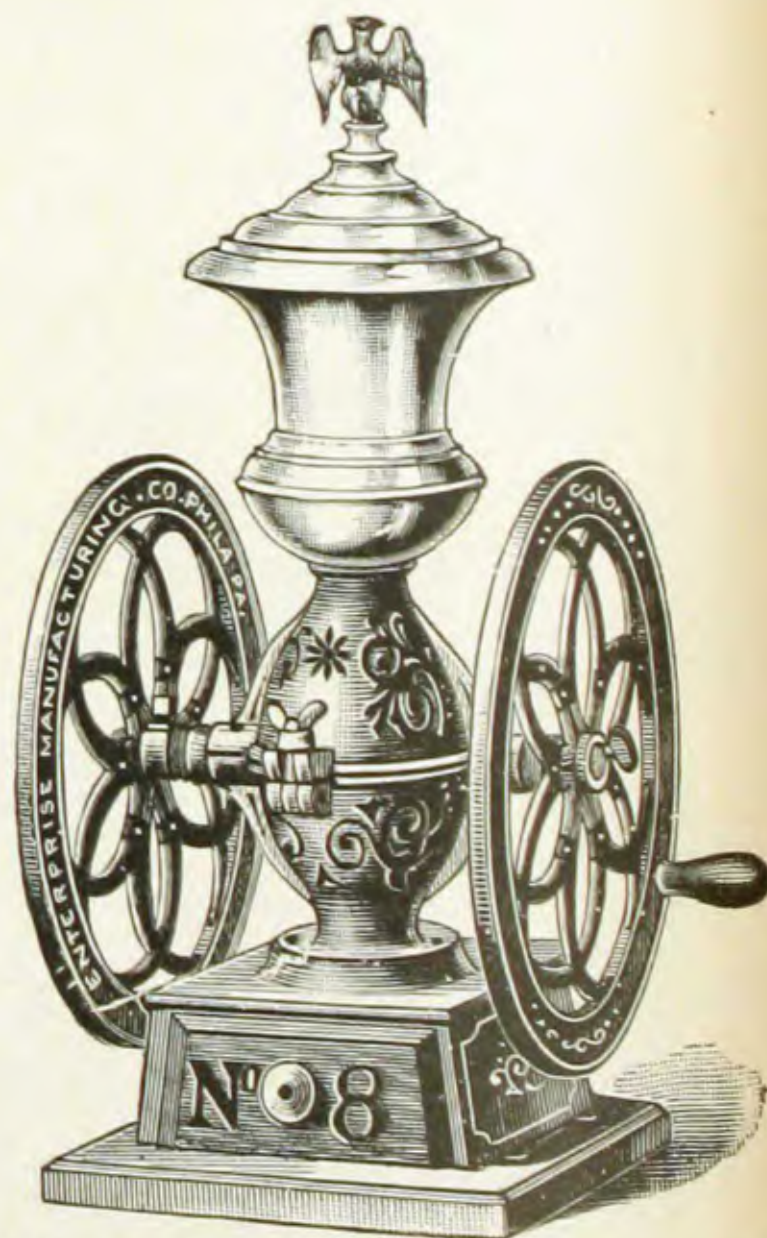
No. 0



Style of Nos. 2, 3, 5, 7, 9, and 209



SHOWING N° 1 MILL CLOSED.
No. 1



Style of Nos. 2½, 4, 6, 8, 10, and 210

No.	Each.	Height, inches.	Weight, pounds.	Capacity of Hopper.	Size of Wheels, inches.	Grinds, per minute.
00	\$1.25	9	6	4 oz.	6	6
0	1.50	11½	6	4 " "	6	6
1	2.25	12½	10	4 " "	6	6
2	3.50	12½	15	4 " "	8¾	6
2½	4.50	15	14	7 " "	8¾	6
3	5.00	15	22½	8 " "	10¾	8
4	8.00	20½	22	1 lb.	10¾	8
5	8.00	17	36	¾ " "	12½	¾ lb.
6	12.00	24	35	1¾ " "	12½	¾ " "
7	10.00	21½	62	1¾ " "	17	1 " "
8	16.00	27	59	2¼ " "	17	1 " "
9	16.00	24	107	3 " "	19½	1½ " "
10	21.00	28	102	4½ " "	19½	1½ " "

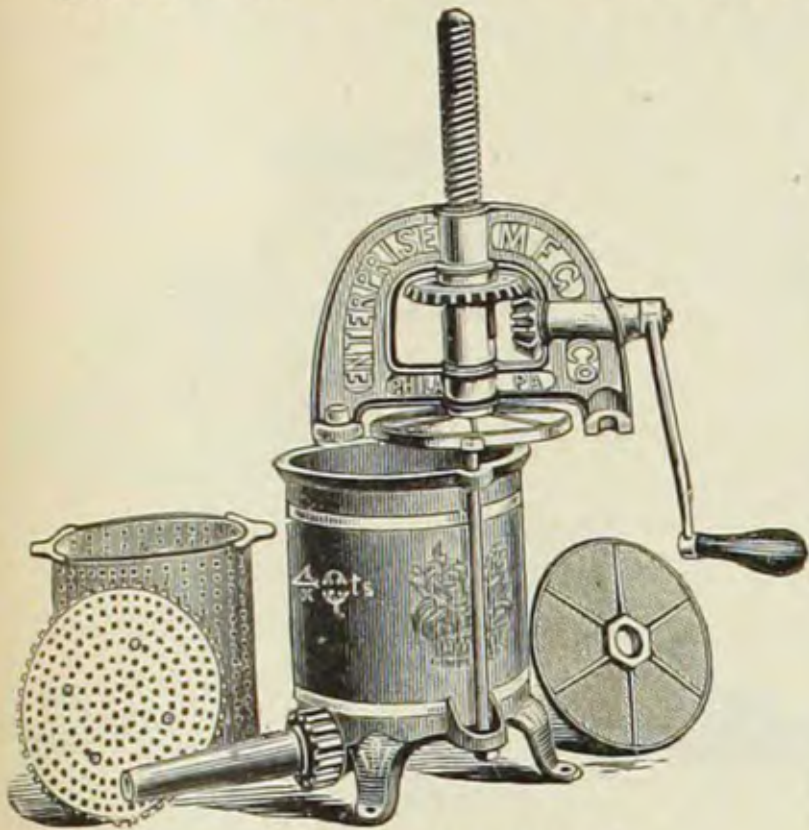
Nos. 00, 0, 1, 2, 2½, 3, and 4, are Pulverizers.

No.	Each.	Height.	Weight, pounds.	Capacity of Hopper.	Size of Wheels, inches.
209	\$23.00	33 in.	156	5 lb.	25
210	28.00	37 "	147	4½ " "	25
716	32.50	5 ft.	170	3½ " "	25
718	35.00	5 "	170	4 " "	25

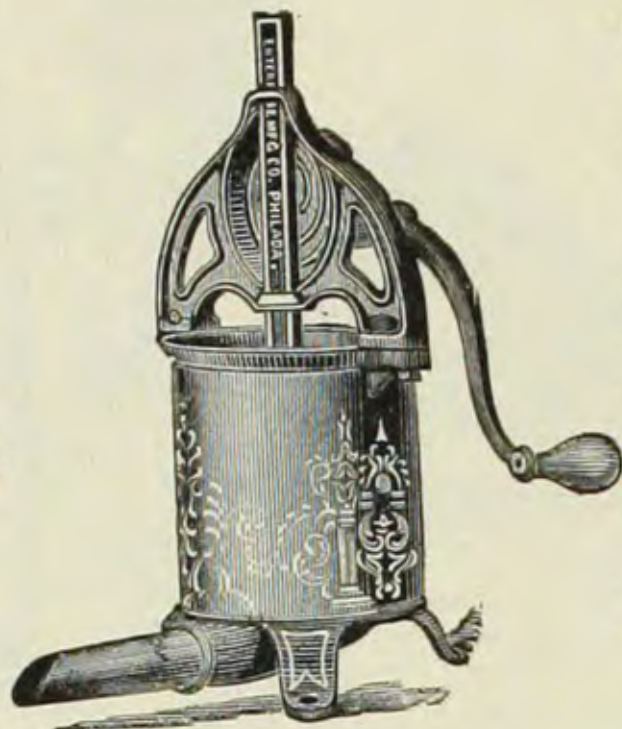
Nos. 209 and 210 are not intended for grinding Spices. 50 turns of the wheels will grind a pound of coffee as fine as ordinarily required.



ENTERPRISE COMBINED SAUSAGE STUFFER AND LARD PRESS ⁹⁴³



Screw Movement



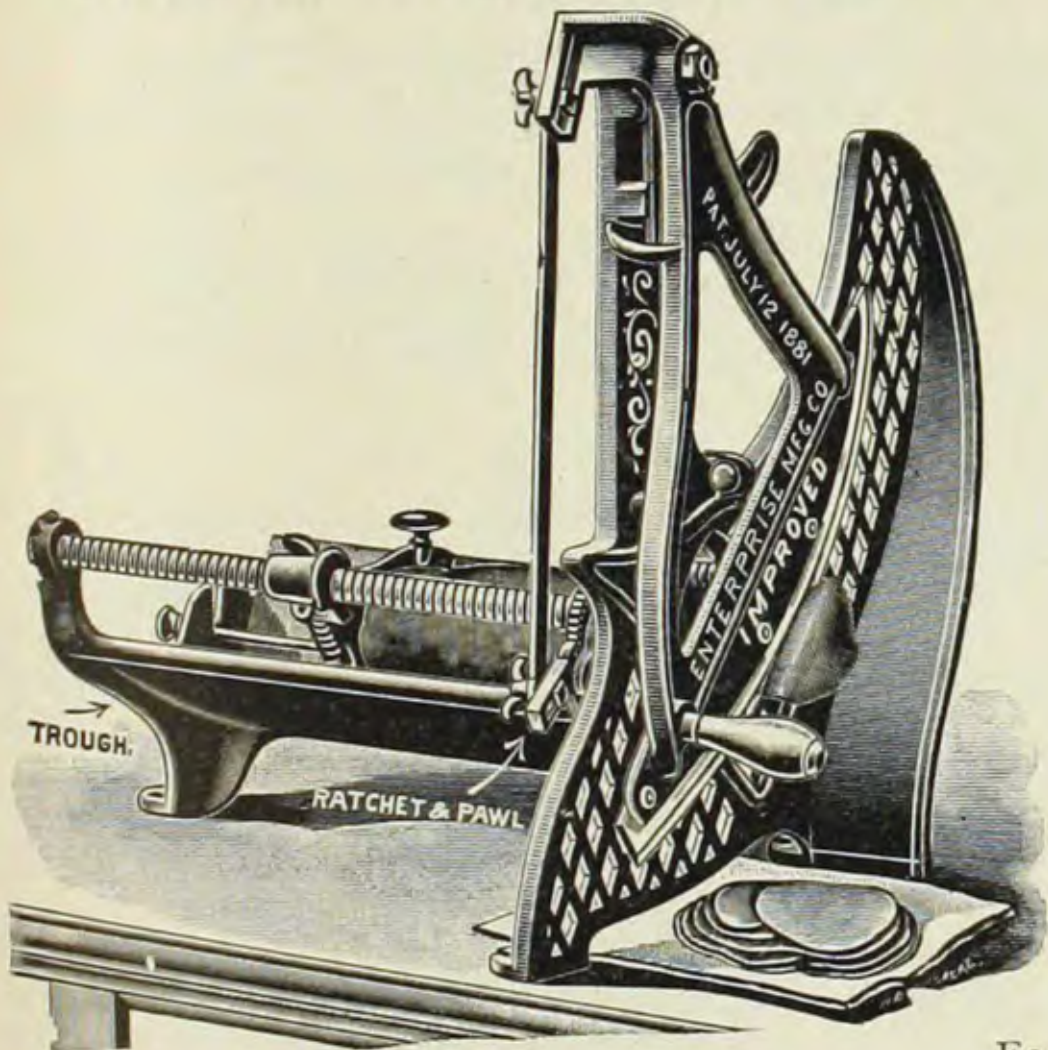
Rack Movement

RACK MOVEMENT			
No.			Each.
5	2	quarts, Japanned,	\$3.00
10	2	" Tinned,	3.50

SCREW MOVEMENT			
No.			Each.
15	2	quarts, Japanned,	\$4.00
20	2	" Tinned,	4.50
25	4	" Japanned,	5.00
30	4	" Tinned,	6.00
35	8	" Japanned,	6.50
40	8	" Tinned,	7.50

Nos. 5 to 30, six in a case; Nos. 35 and 40, three.

SMOKED BEEF SHAVERS



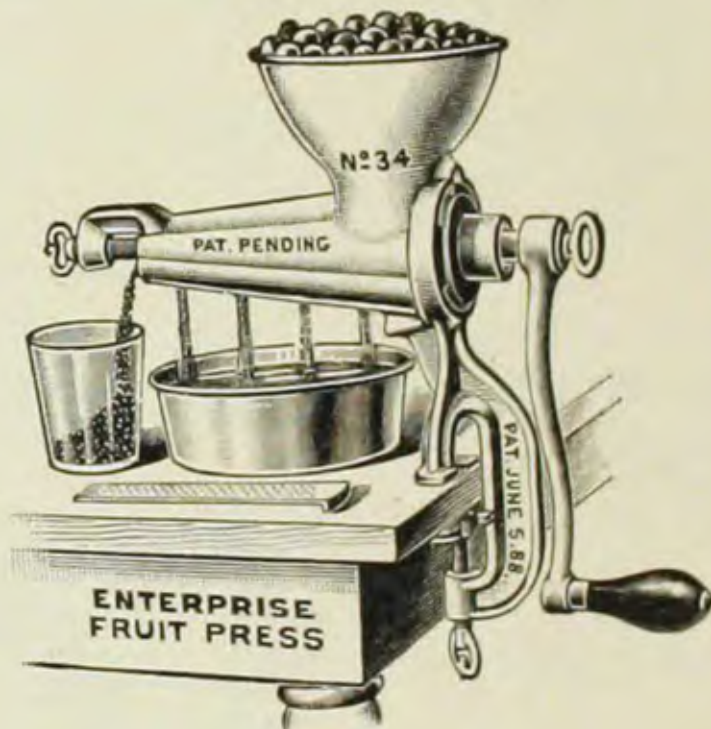
No.	
23	Japanned,
24	Tinned,

Each.
\$6.50
7.50

No.	
34	Tinned,

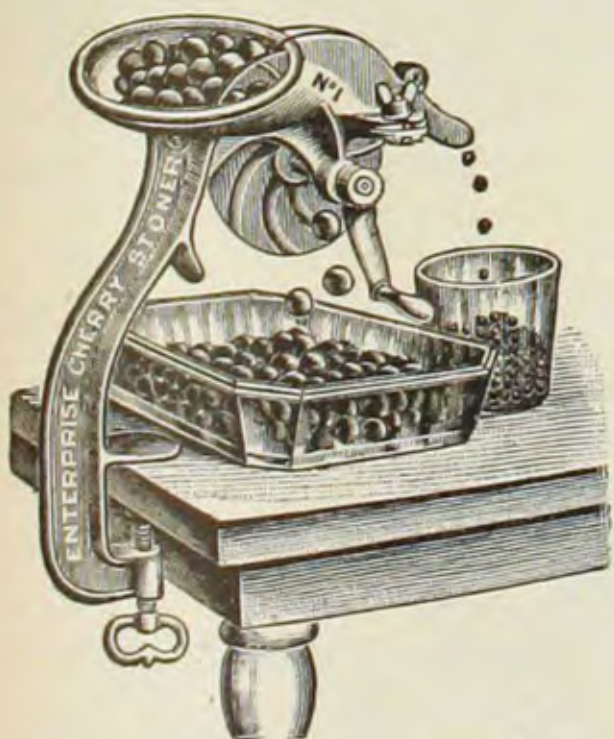
Six in a case.

FRUIT AND JELLY PRESS



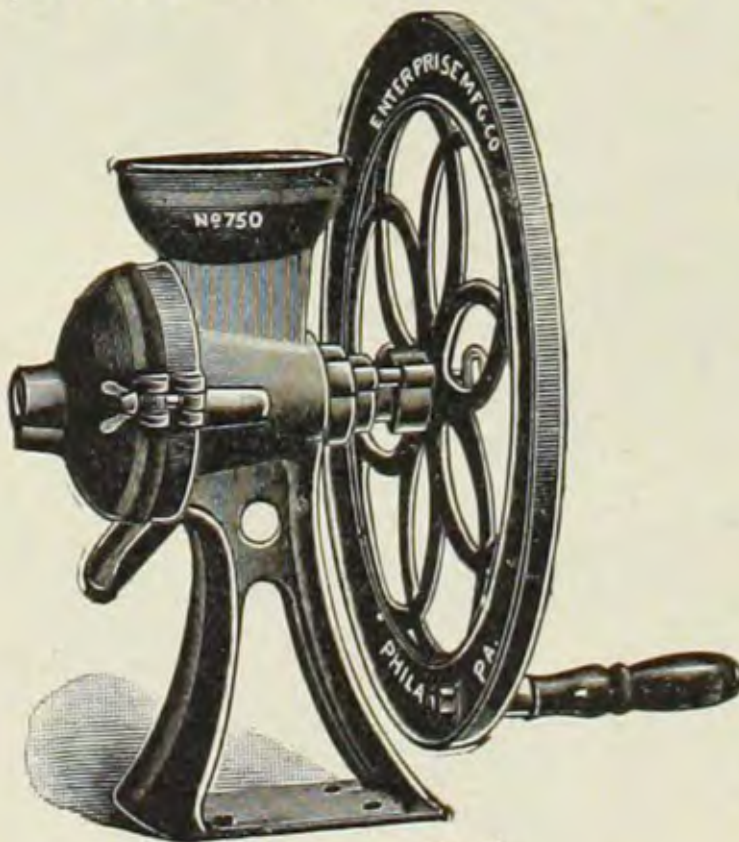
Each.
\$3.00

CHERRY STONERS BONE, SHELL, AND CORN MILL RAISIN SEEDERS



No.		Per dozen.
1	Japanned,	\$7.20
2	Tinned,	9.00

Two dozen in a case.



No.	Each.
750	\$7.50

One in a crate.



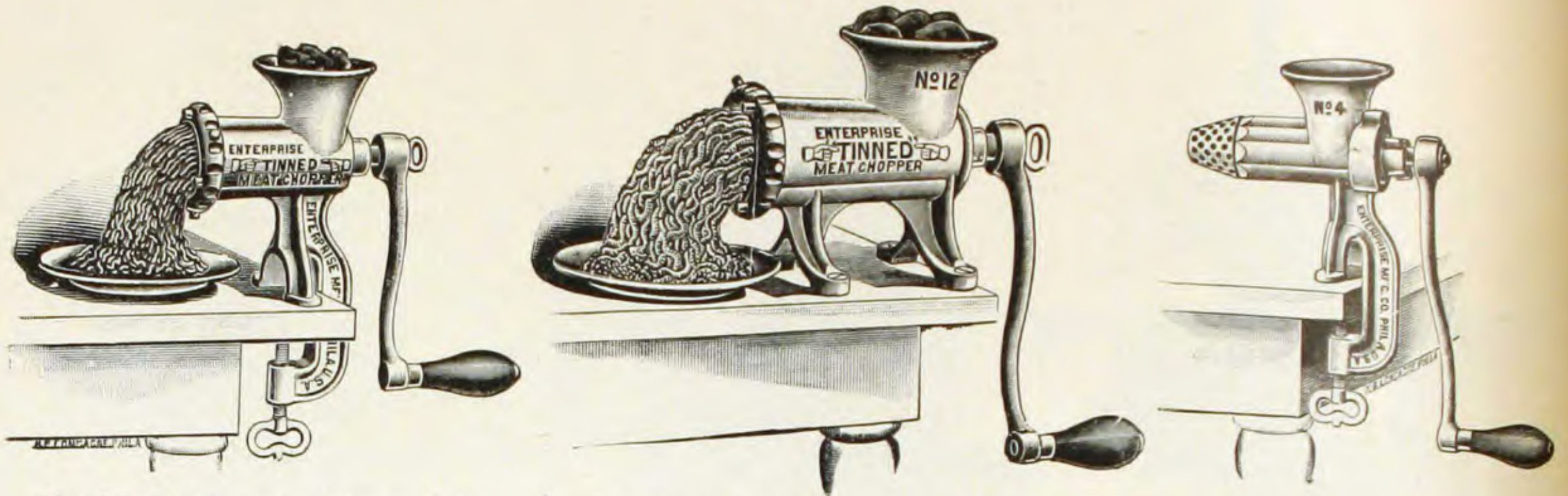
No.		Per dozen.
36	Tinned,	\$10.00

One dozen in a case.



ENTERPRISE MEAT CHOPPERS

TINNED



Style of Nos. 5, 10, and 20

Style of Nos. 12, 22, 32, 33, and 42

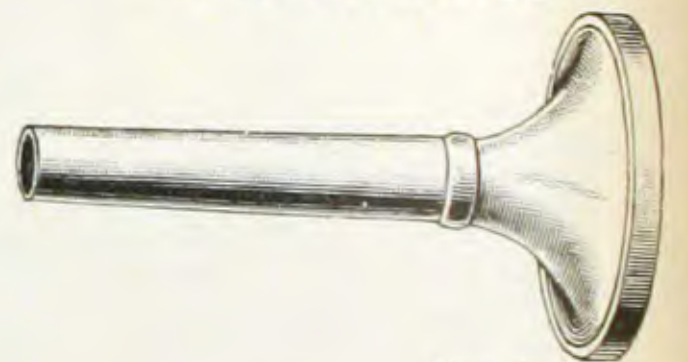
Style of Nos. 2 and 4

No.	Each.	No.	Each.
5 Chops 1 lb. per minute, weighs 4 5/8 lbs.,	\$2.00	2 Chops 1 lb. per minute, weighs 4 1/2 lbs.,	\$1.50
10 " 2 " " " " 8 "	3.00	4 Chops 1 lb. per minute, weighs 5 1/4 lbs.,	2.00
20 " 3 " " " " 16 1/4 "	5.00		
12 " 2 " " " " 7 "	2.50		
22 " 3 " " " " 12 "	4.00		
32 " 4 " " " " 18 "	6.00		
42 " 5 " (Pork) per min., " 39 "	15.00		

No. 42, three in a case; others, 6.

Above Choppers are sent regularly with the Standard size holes in plates (3/16 inch); 1/4, 1/8, and 3/8 inch furnished when wanted.

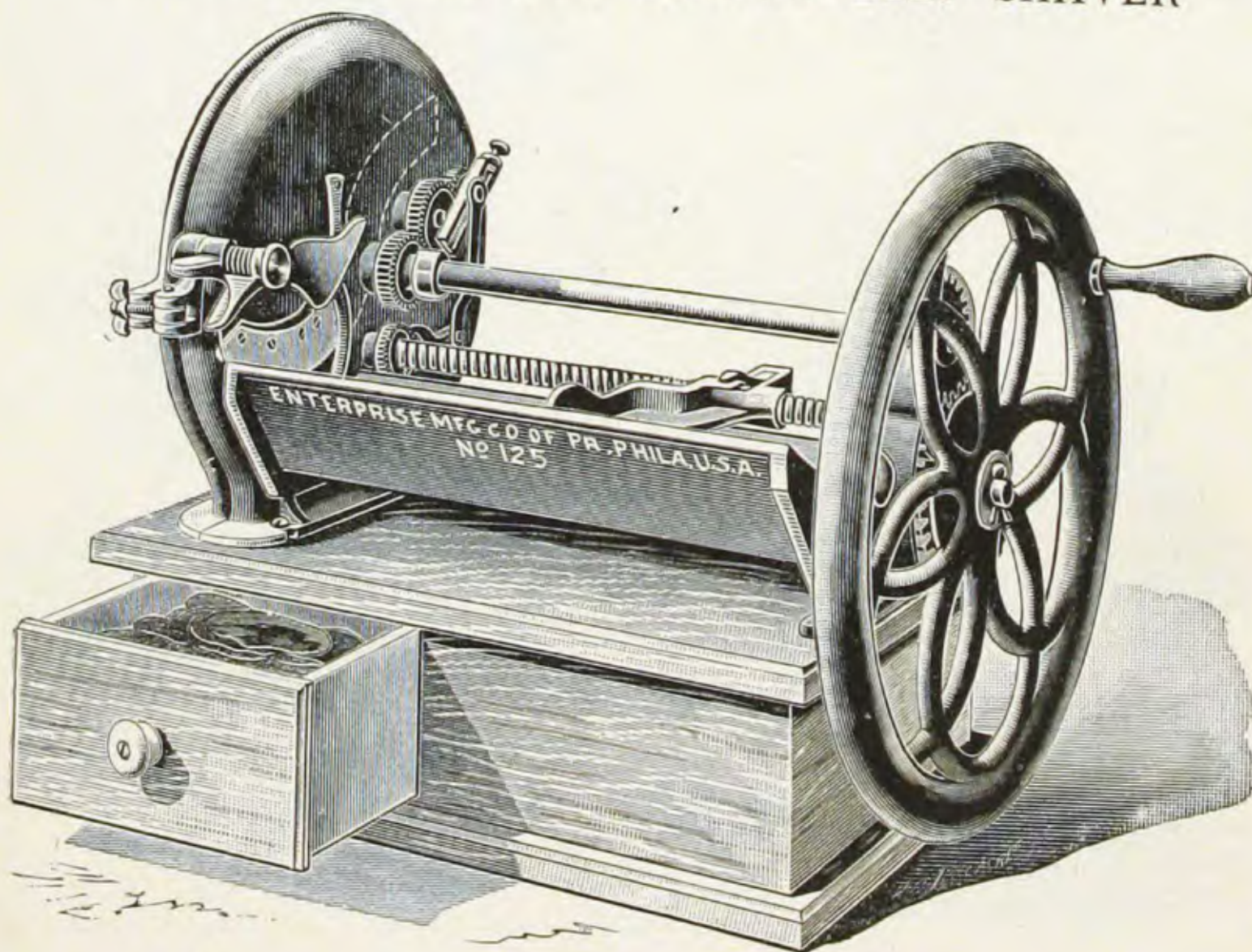
SAUSAGE STUFFING ATTACHMENTS



No.	Each.
33 Bait Chopper, size of No. 32, having a short crank and plate, with large holes, Six in a case.	\$6.00

For No.	Per dozen.
5 Chopper, 3/4 in.	\$3.75
10 " 1 1/4 in.	\$6.00
12 " 4.50	7.50
20 " 4.50	7.50
22 " 6.00	9.00
32 " 6.00	9.00
42 " 7.25	12.00
	22.50
	24.00

ENTERPRISE ROTARY SMOKED BEEF SHAVER



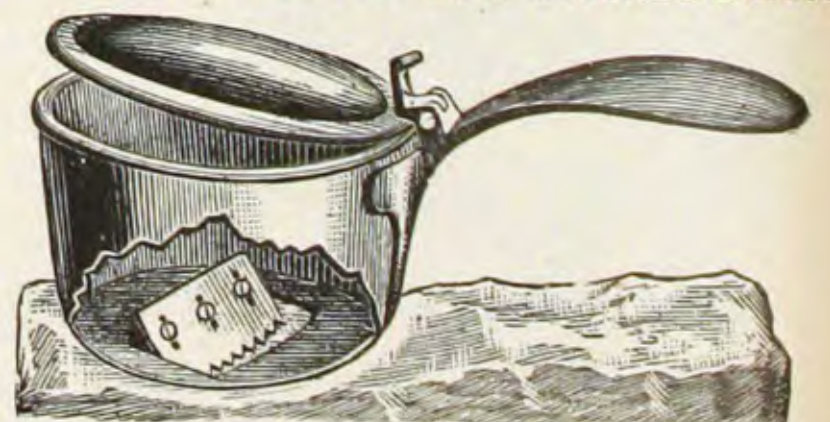
No. 125

each, \$18.00

EXTRA PARTS

No.	Plates, each.	Knives, each.
5	\$0.30	\$0.25
10 and 12	.50	.30
20 " 22	.75	.50
32	1.00	.75
42	3.00	1.00

ENTERPRISE ICE SHREDDERS



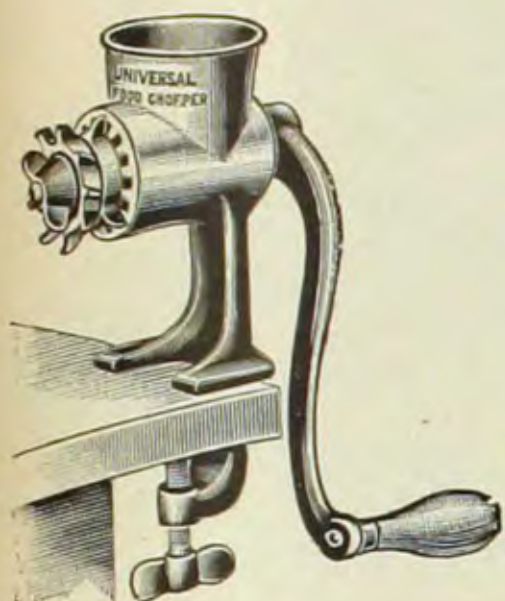
No. 33 Tinned, per dozen, \$6.00



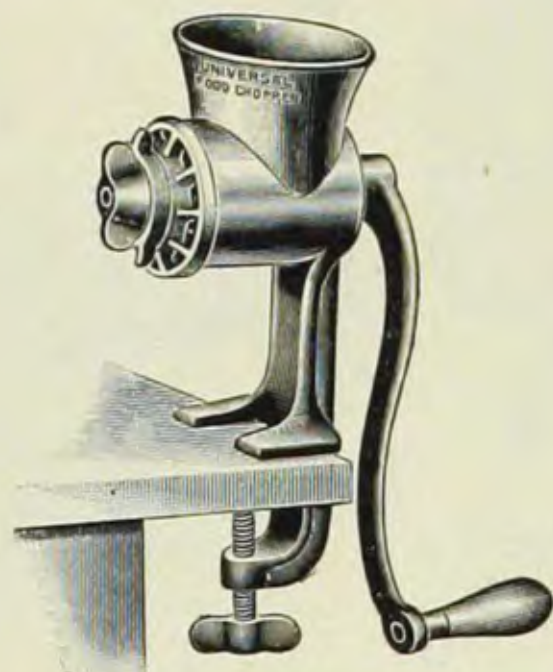
UNIVERSAL FOOD CHOPPERS

945

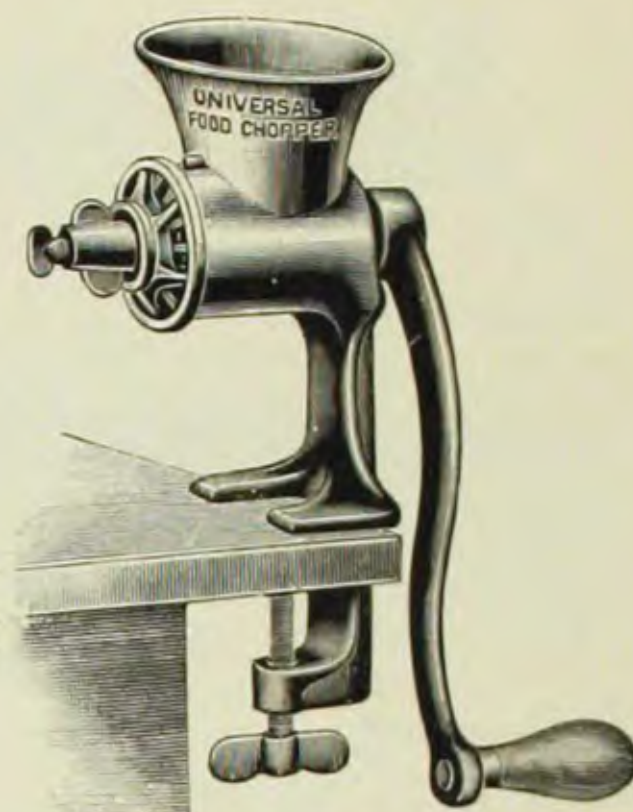
The Universal Food Choppers will chop all kinds of meat, raw or cooked, and all kinds of vegetables and fruit into clean-cut uniform pieces, as fine or coarse as wanted, and with great rapidity.



No. 1



No. 2



No. 3

- No. 1 Small; chops 2 pounds per minute; diameter of Hopper, $3 \times 2\frac{1}{2}$ inches; diameter of Barrel, 2 inches; weight, 4 pounds, each, \$2.00
- No. 2 Medium; chops $2\frac{1}{2}$ pounds per minute; diameter of Hopper 4×3 inches; diameter of Barrel, 2 inches; weight, $4\frac{3}{4}$ pounds, each, 2.25
- No. 3 Large; chops 3 pounds per minute; diameter of Hopper, 5×4 inches; diameter of Barrel, $2\frac{3}{8}$ inches; weight, 8 pounds, each, 3.00

Nos. 1 and 2 furnished with three Cutters each, Coarse, Medium, and Fine. No. 3 has four Cutters. Six in a case.

CROWN LARD PRESS

AND SAUSAGE STUFFER



The iron cylinder is removable and reversible. The hinged base on which the iron cylinder rests, shown partly swung open in the cut, can be swung open so that it is entirely clear of the upper plate. The great advantage of this in filling or refilling the press without having to handle the cylinder will be apparent.

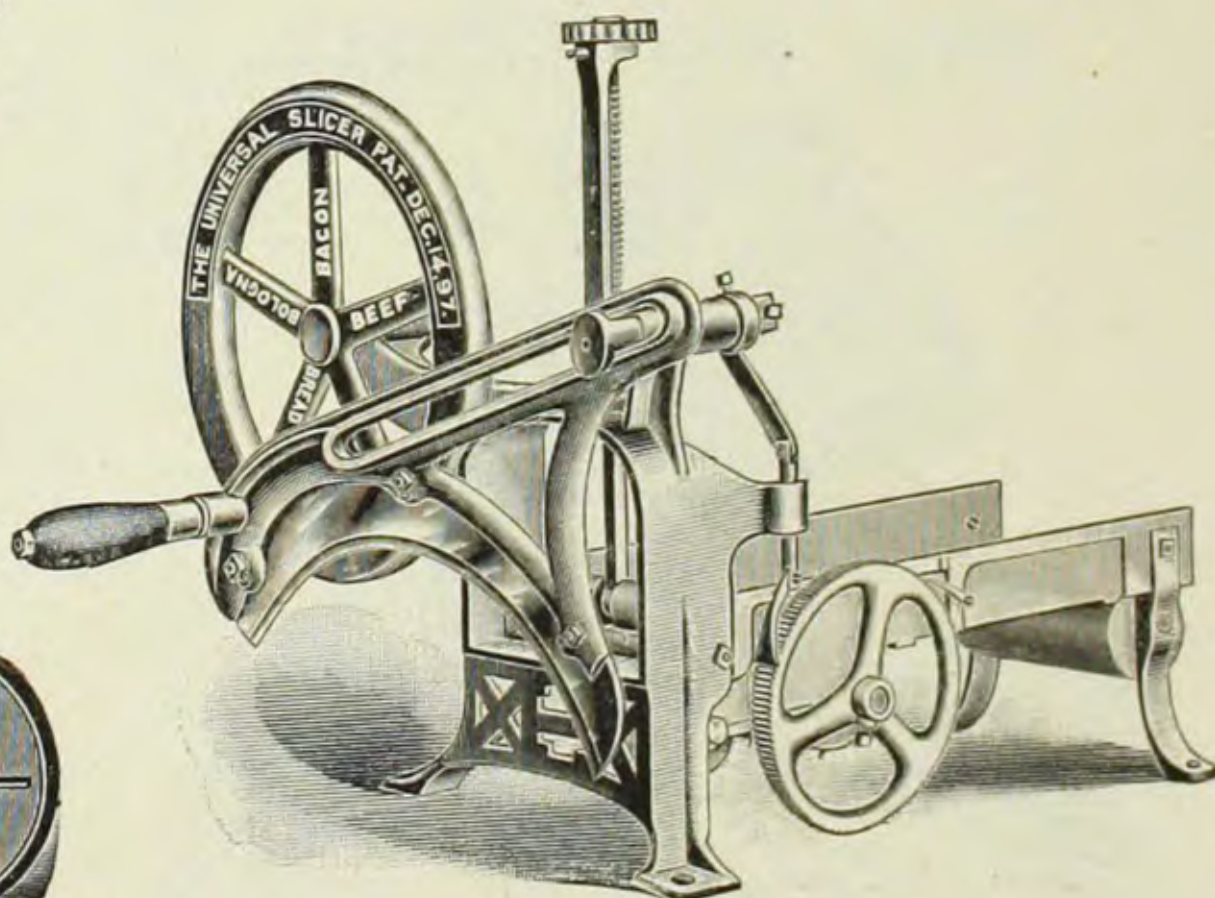
JAPANNED AND ORNAMENTED

- No. 4 Four Quarts, each, \$5.00
- No. 8 Eight Quarts, " 6.50

TINNED—HEAVILY COATED WITH PURE TIN

- No. 14 Four Quarts, each, \$6.00
- No. 18 Eight Quarts, " 7.50
- One in a case.

UNIVERSAL SLICER



Specially intended for Slicing Smoked Beef, Bacon, Pressed Ham, or Bread, Cutting from a mere shaving to $\frac{3}{4}$ inch in thickness.

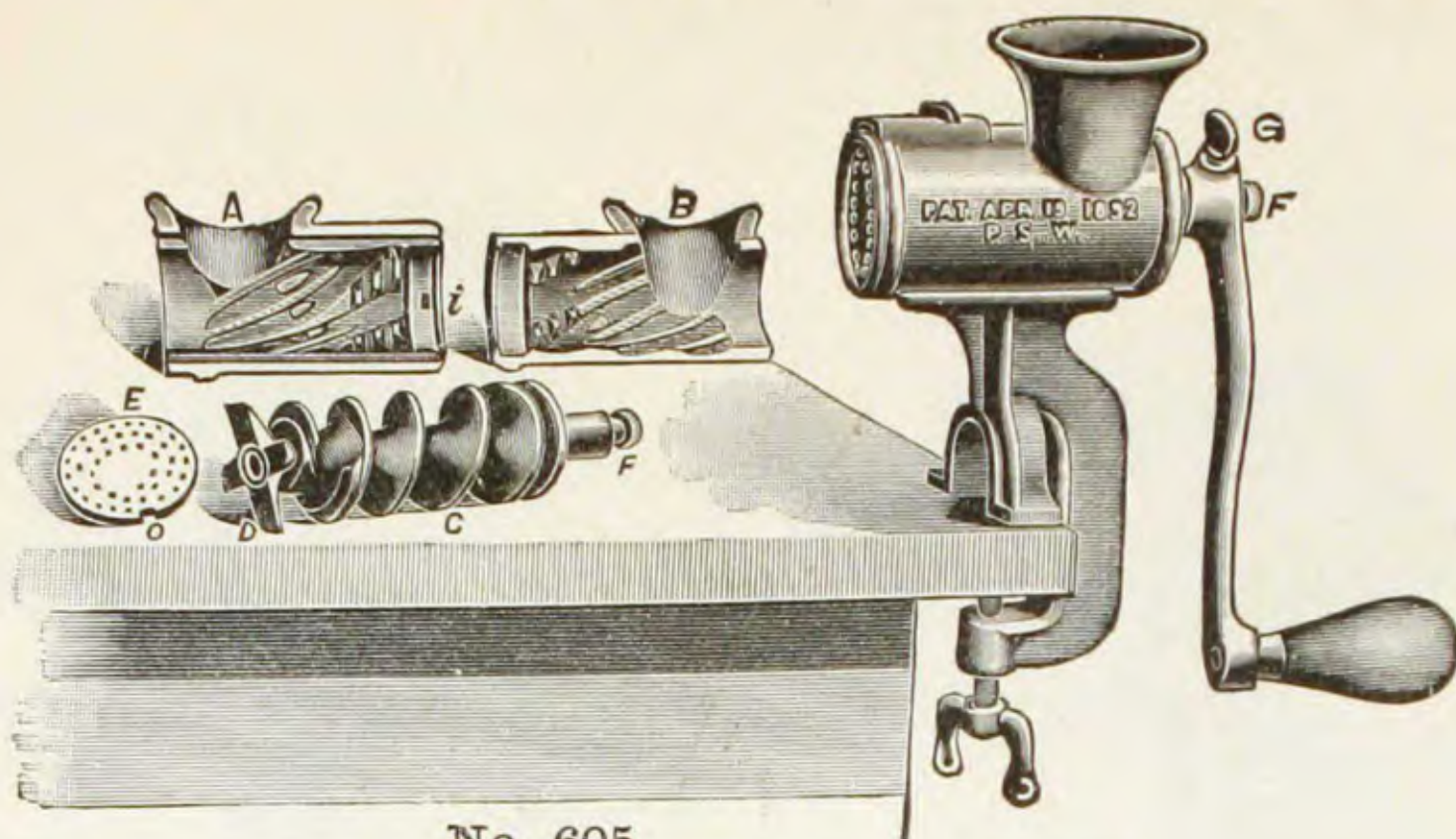
Simple in construction and made of the best material.

- No. 1 Heavily Coated with Pure Tin, Each, \$7.50

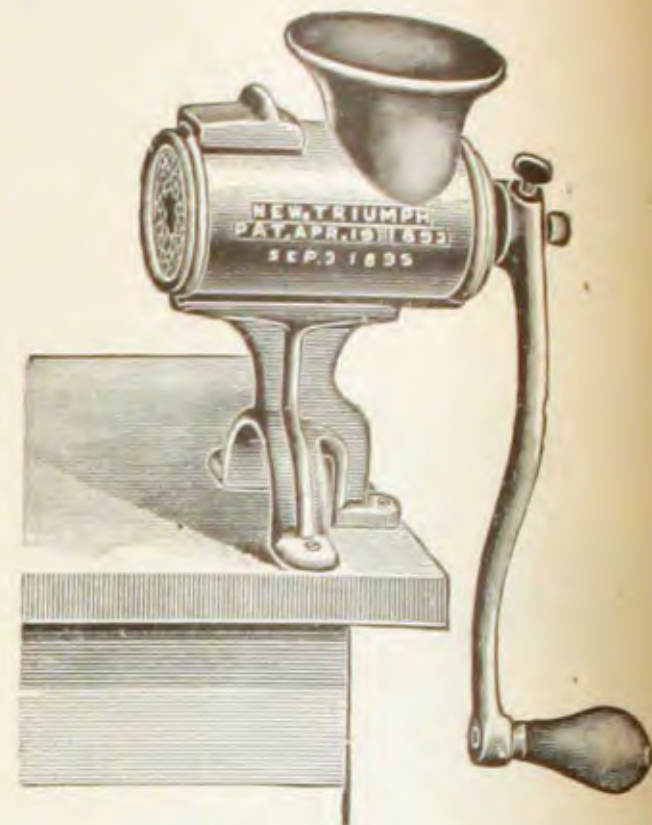
One in a case.



NEW TRIUMPH MEAT CHOPPERS



No. 605



No. 612

	Cuts per minute.	Per doz.
No. 605 with clamp, family size, 2 lbs.,		\$24.00
No. 612 " feet, butchers' "	3 "	30.00
No. 610 " clamp, " "	3 "	36.00
No. 622 " feet, large size, "	4 "	48.00

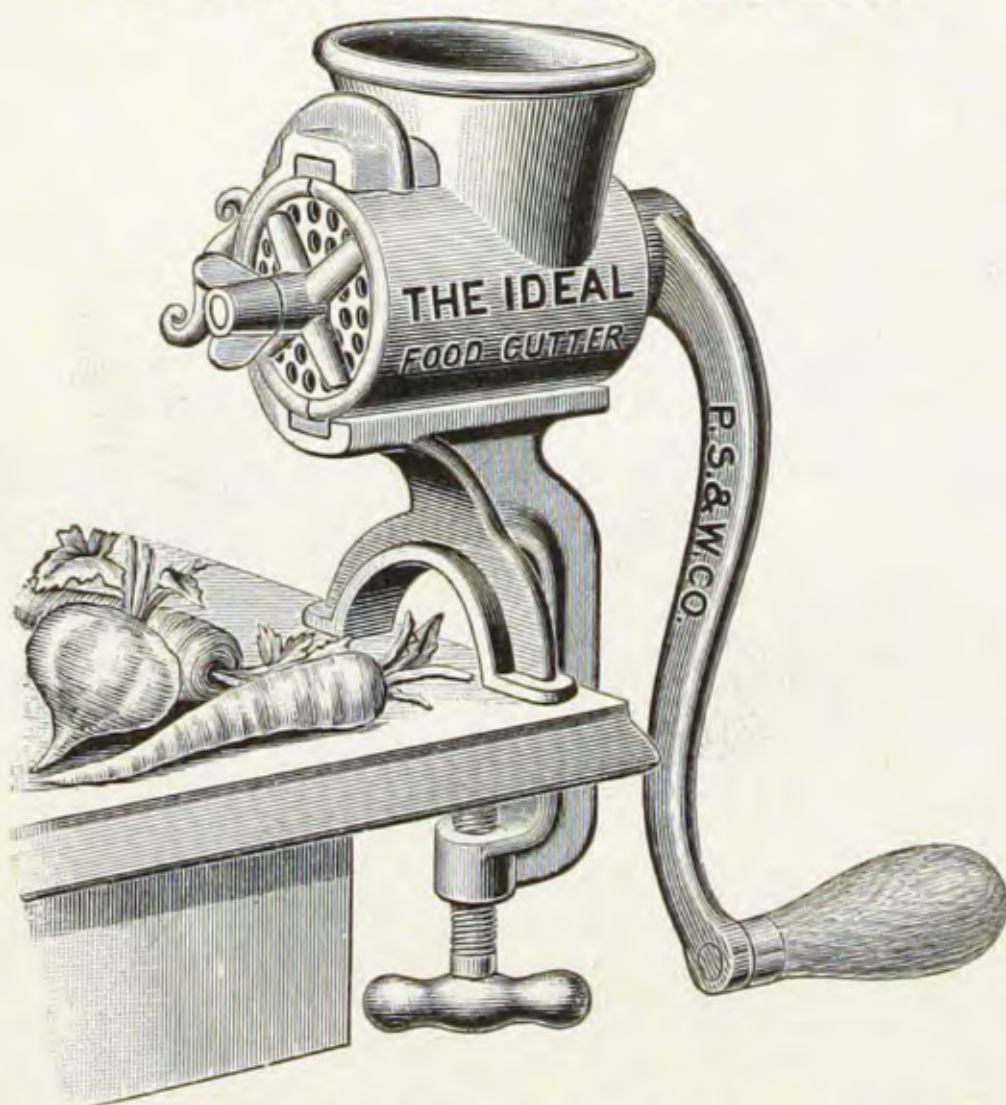
Half dozen in a case.

SIZE OF HOLES IN PLATES



The Standard or No. 1 size hole is best for most purposes. This size is always sent unless otherwise ordered. Those who wish to chop hash, prefer No. 3. For cabbage and other vegetables and for salads, No. 4 is preferred. For potted ham and for reducing any meat to a pulp, No. 0 is necessary. Other sizes than No. 1, if wanted, must be specially ordered.

IDEAL FOOD CUTTERS



CUTS MEAT, FRUIT, VEGETABLES, CRACKERS, AND CHEESE, COARSE OR FINE

Cutting Parts Steel. All parts tinned. It works easily and rapidly.

No.	Cuts 2 pounds meat per minute,	Per dozen.
25		\$24.00

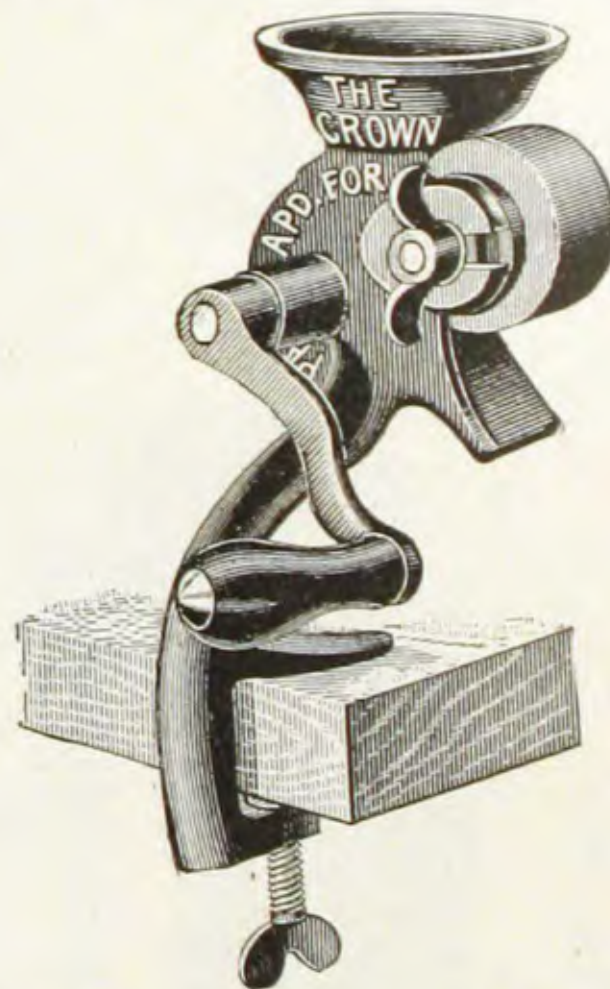
Half dozen in a case.

STUFFING ATTACHMENT



For Chopper No.	605	612	610	622
Each,	\$0.30	.35	.35	.50

CROWN RAISIN SEEDERS



No. 1 Tinned, per dozen, \$10.00

HENIS PRESS



FOR FRUITS, VEGETABLES, ETC.

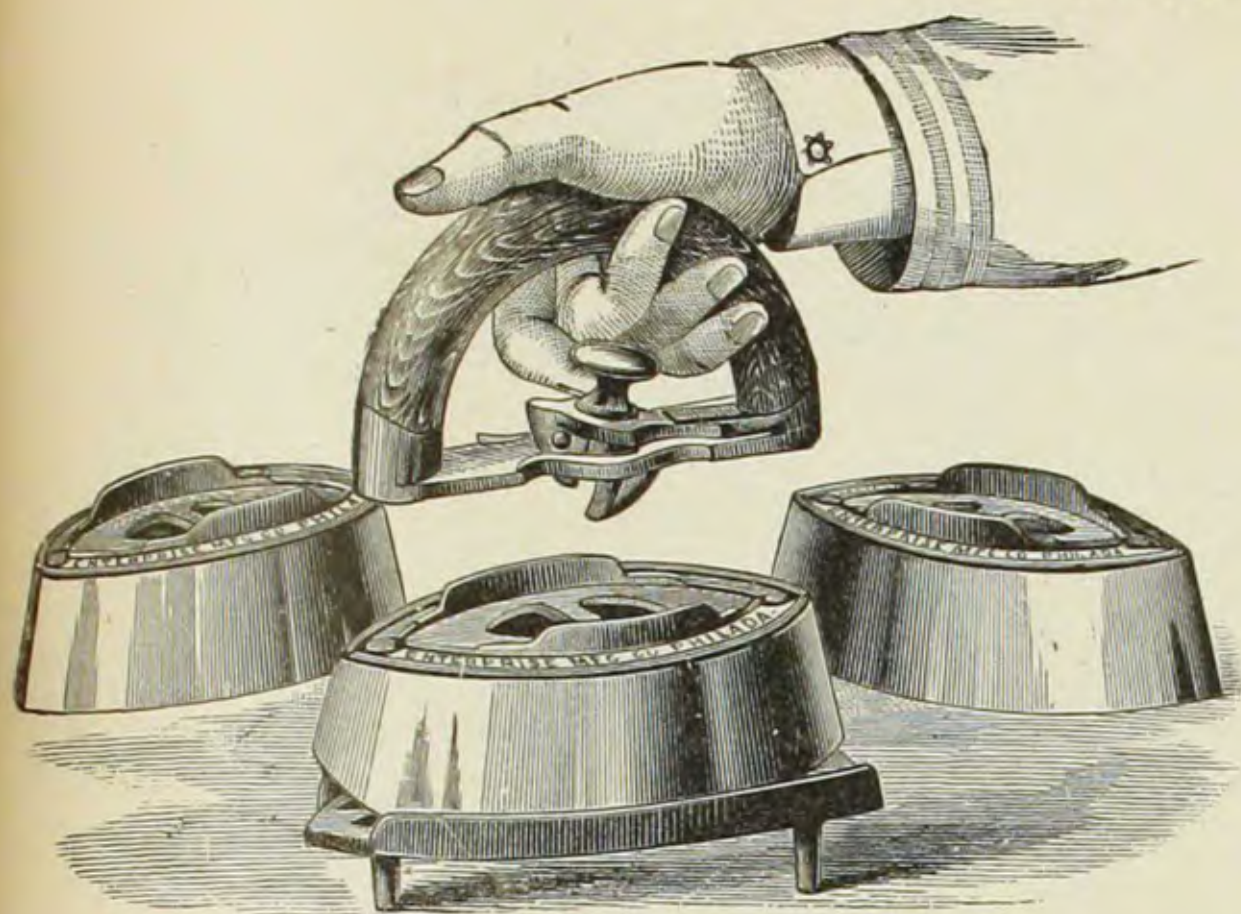
Tinned,	per dozen, \$3.50
Three dozen in a case.	



COLD HANDLE SMOOTHING AND POLISHING IRONS

947

MRS. POTTS' PATENT

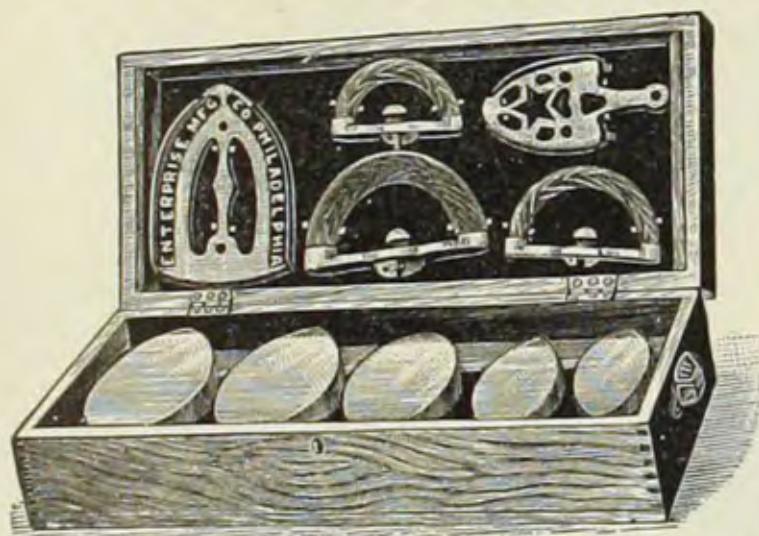


Each set consists of one Iron each, Nos. 1, 2, and 3, one handle and stand as shown in illustration. No. 1 weighs 4 lbs., has one round end for polishing; No. 2 weighs 5 1/8 lbs; No. 3 weighs 5 3/8 lbs.

No. E50 Nickel-plated, per set, \$
No. E55 Plain Polished, " " "

Six sets in a case.

FAMILY OUTFIT OF SAD IRONS

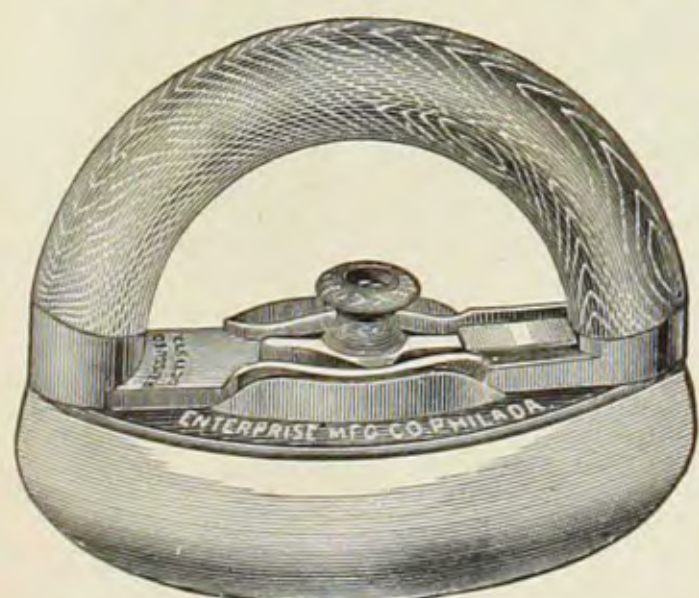


No. 330 containing Irons Nos. 82, 90, and set E50, per set, \$3.50

No. 335 containing Irons Nos. 87, 95, and set E55, per set, \$3.25

Each set in a handsome box. Six in a case.

CHINESE POLISHERS



The above Iron has all round edges, and is adapted for laundry and general polishing purposes. Handle with each Iron.

No. 80 Nickel-plated, weighs 4 1/2 lbs., per dozen, \$9.25
No. 85 Plain Polished, " 4 1/2 " " " 8.25
No. 82 Nickel-plated, " 3 " " " 6.75
No. 87 Plain Polished, " 3 " " " 6.25

One dozen in a case.

GIRLS' TOY IRONS



These Irons have one end rounded, are desirable for ironing or polishing small articles, silk hats, etc., and are a very fine toy. A stand and handle accompanies each iron.

No. 90 Nickel-plated, weighs 1 5/8 lbs., per dozen, \$5.00
No. 95 Plain Polished, " 1 5/8 " " " 4.75

One dozen in a case.

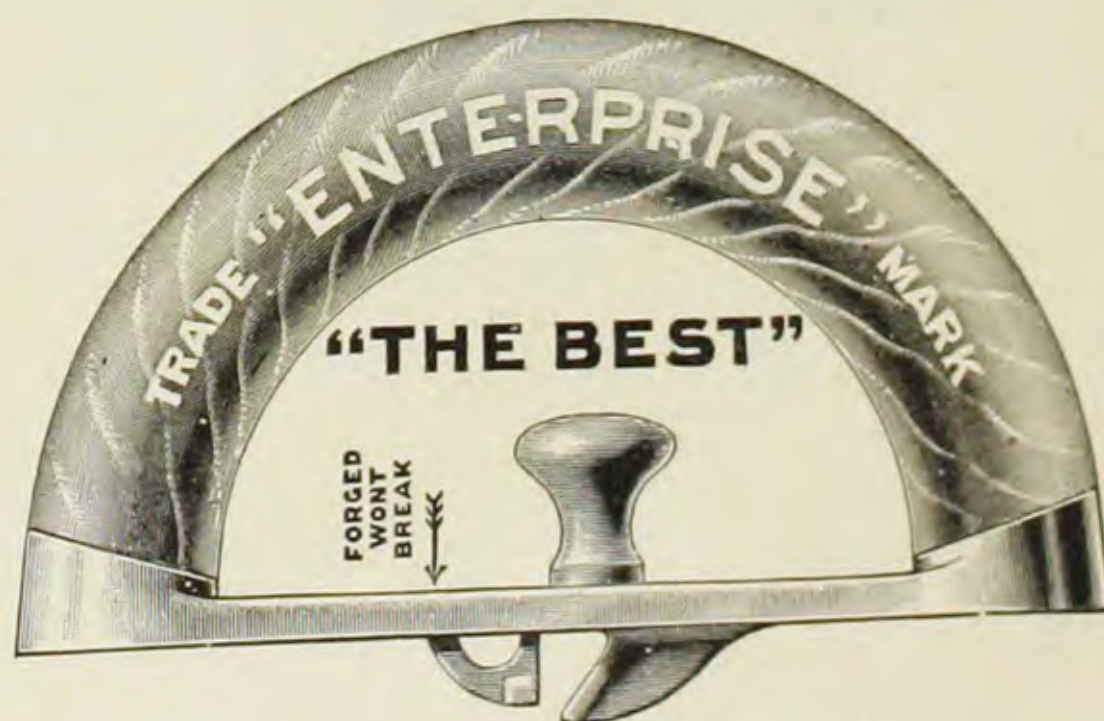
GIRLS' STAR TOY IRONS

Very desirable for ironing small articles. A nice toy. A stand with each iron.



100	Nickel-plated, weighs about	2 lbs.,	per dozen, \$4.75
105	Plain Polished, " "	2 " "	4.25
110	Nickel-plated, " "	14 oz.	3.00
115	Plain Polished, " "	14 " "	2.50
120	Nickel-plated, " "	8 " "	1.50
125	Plain Polished, " "	8 " "	1.25

One dozen in a case.



THE BEST, Walnut, with Tinned Forged Iron Stretcher, per dozen, \$2.50
No. 210 Hazel, Tinned Stretcher, " " 1.80
No. 105 " Japanned " " " 1.70

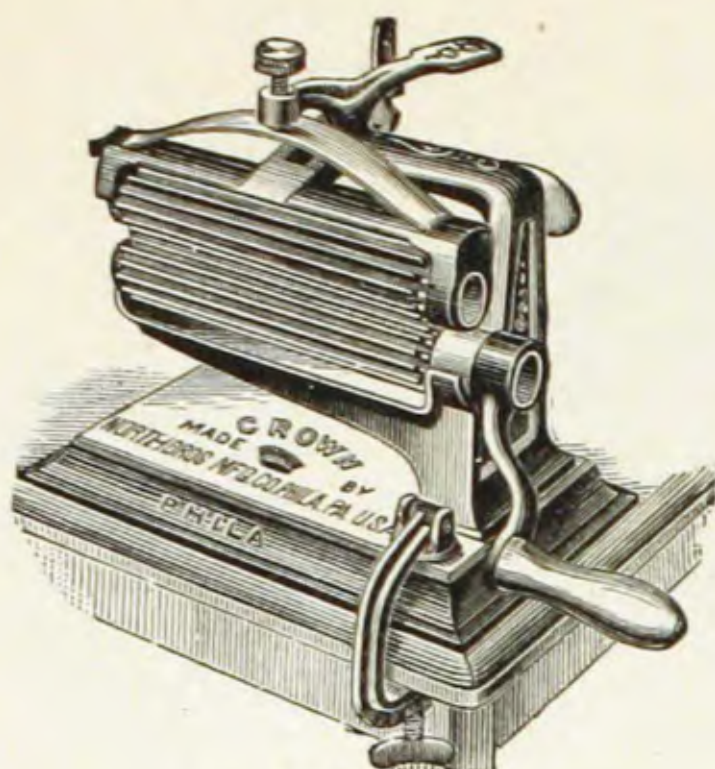
IRON STANDS

Improved,

per dozen, \$0.75



FLUTING MACHINES



Crown

CROWN

ANY ROLLS
NOS. 10 TO 160

Size, inches.	Each.
4 1/2	\$3.80
6	4.30
8	7.00

ORIGINAL
KNOXANY ROLLS
NOS. 10 TO 160

Size, inches.	Each.
4 1/2	\$3.80
6	4.30
8	7.00

No. 10



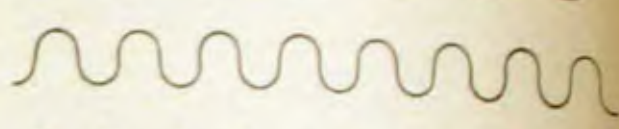
No. 12



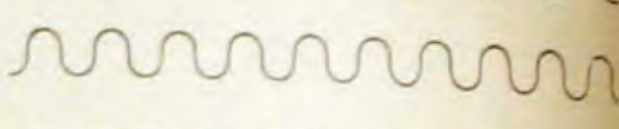
No. 15



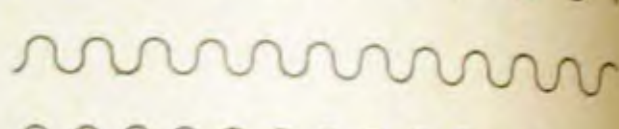
No. 18



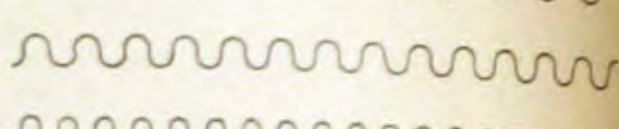
No. 22



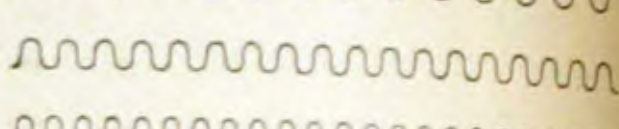
No. 26



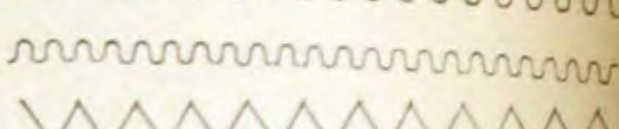
No. 30



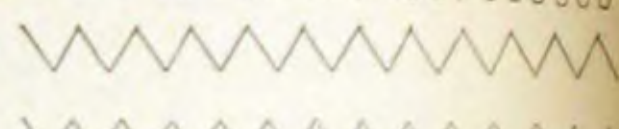
No. 40



No. 50



No. 126



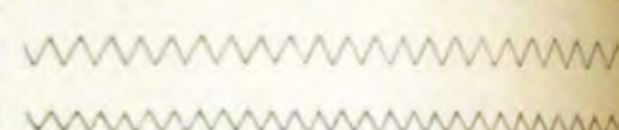
No. 130



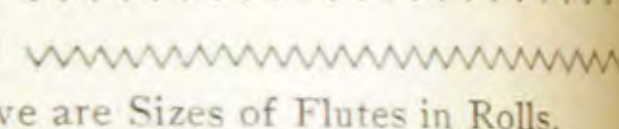
No. 140



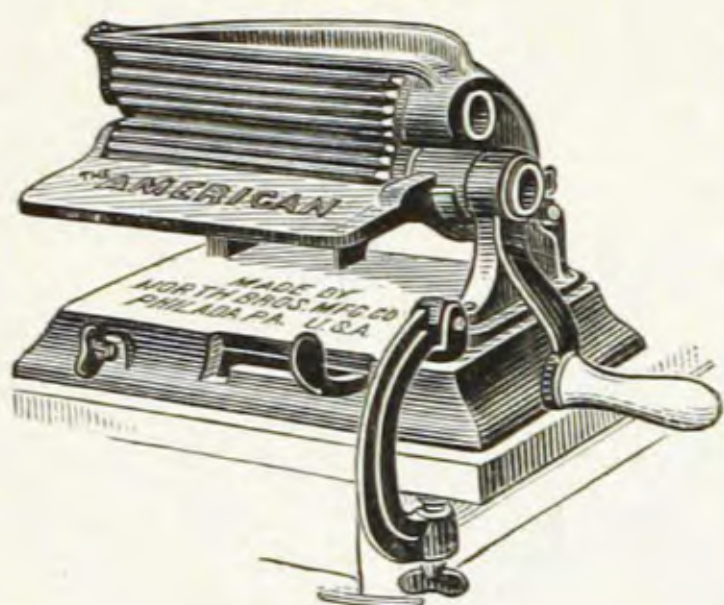
No. 150



No. 160



Above are Sizes of Flutes in Rolls.



American

AMERICAN

ANY ROLL
NOS. 12 TO 160

Size, inches.	Each.
5	\$3.30
6	3.70
7	4.90

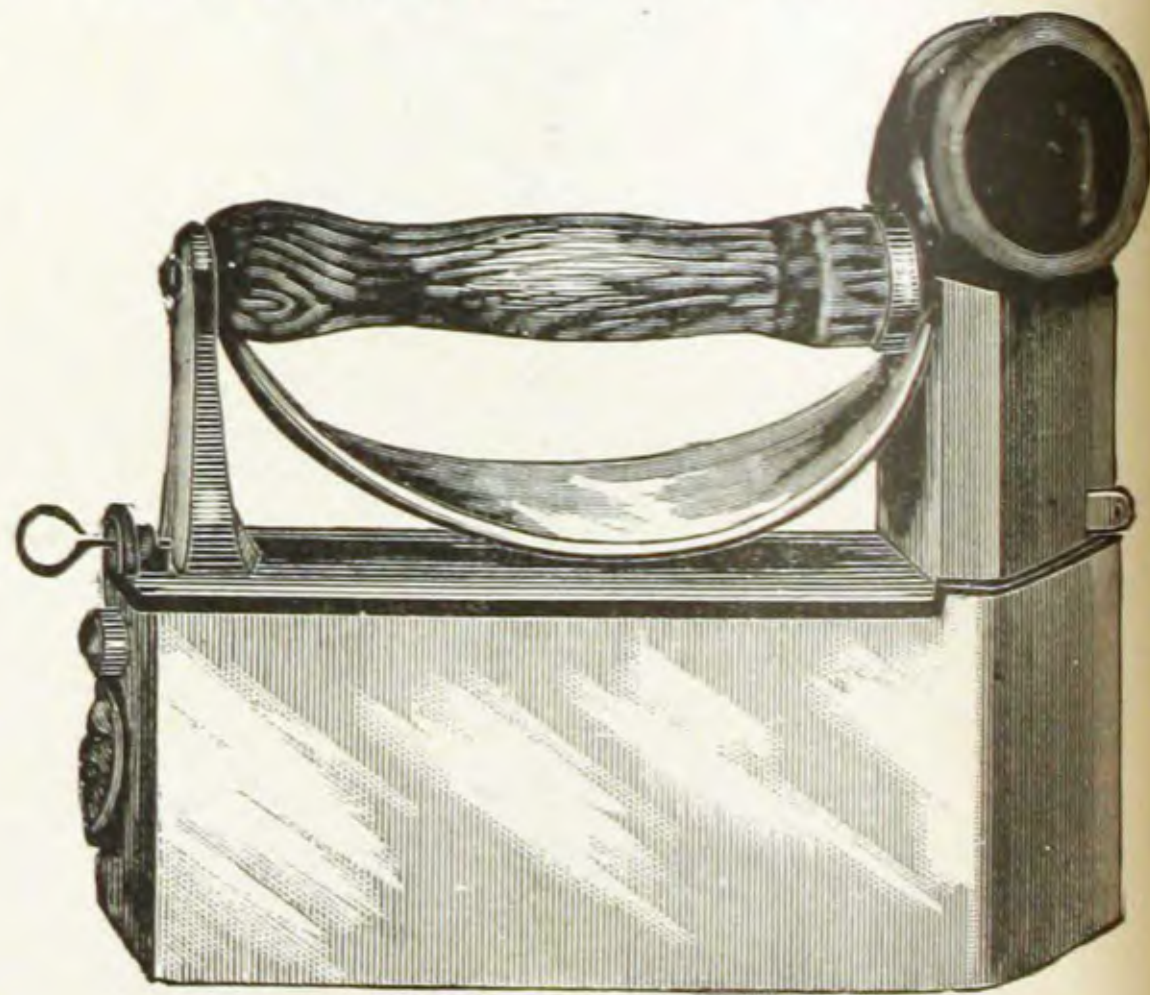
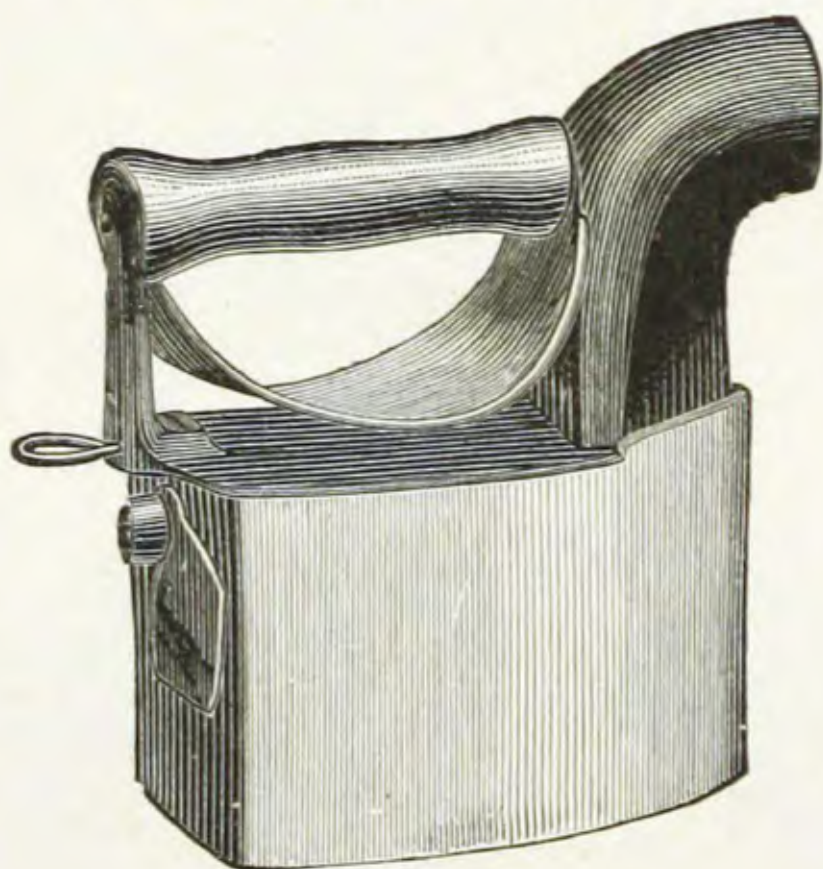
EAGLE

ROLLS
NOS. 15, 18, OR 22

Size, inches.	Each.
3 1/2	\$2.30
5 1/2	3.10

SELF-HEATING TAILORS' IRONS

SELF-HEATING SMOOTHING IRONS



Nos.	1	2	3	4
Weight, pounds,	4 1/2	6	6 1/2	7
Per dozen,	\$10.00	10.00	10.00	10.00

One dozen in a case, assorted as desired.

SINGLE FLUE	Per dozen.
Weight, 14, 16, and 18 pounds,	\$22.50

DOUBLE FLUE	Per dozen.
Weight, 16, 18, 20, and 22 pounds,	\$24.50



No. 1



No. 2



No. 3

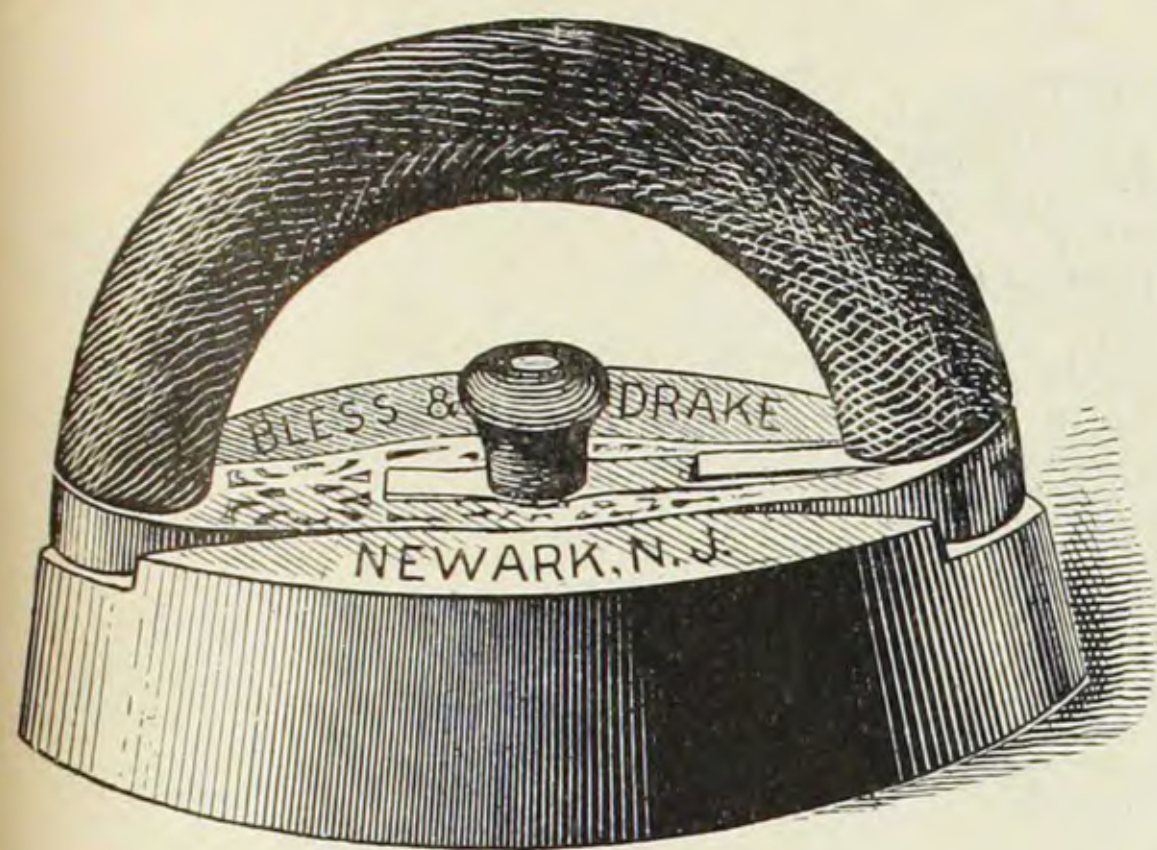
GENUINE TROY POLISHING
IRONS

No. 1 Perforated Face,	per dozen,	\$6.00
No. 2 Morocco	" "	6.00
No. 3 Smooth	" "	6.00

Two dozen in a case.



BLESS & DRAKE'S POTTS IRONS

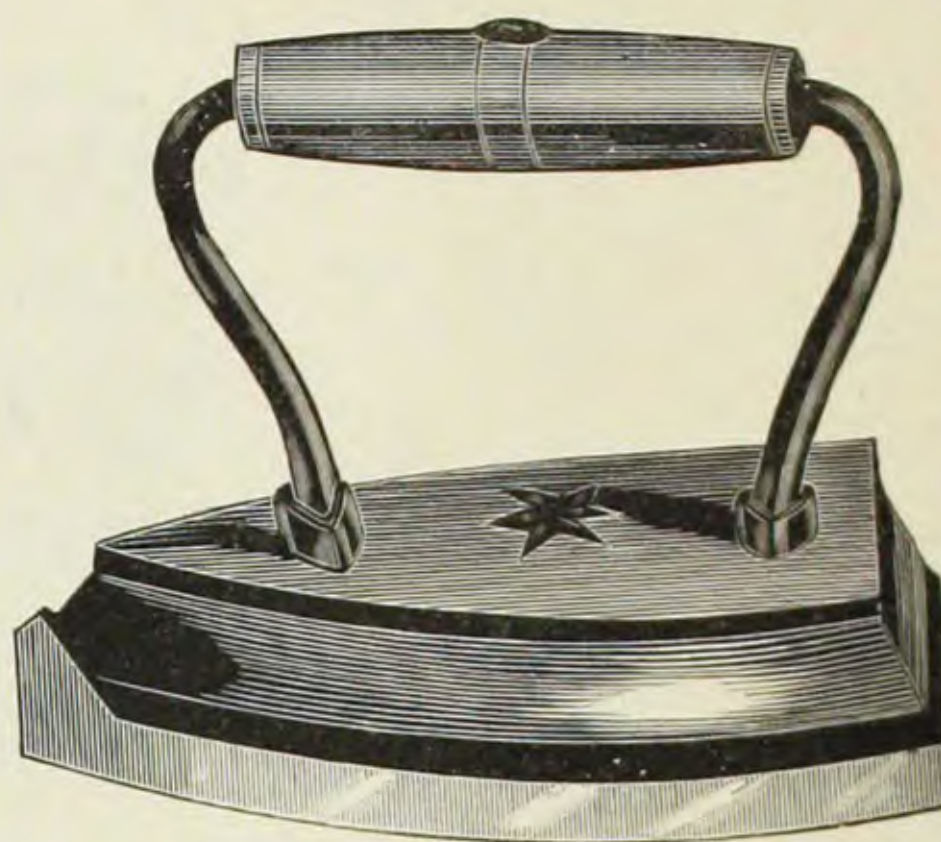


This is a Solid Iron, including Handle Plate, finely finished top, sides, and bottom.

No. 50A Nickel-plated, per set, \$
 No. 55A Polished, " "
 Six sets in a case.

COMMON SAD IRONS

949

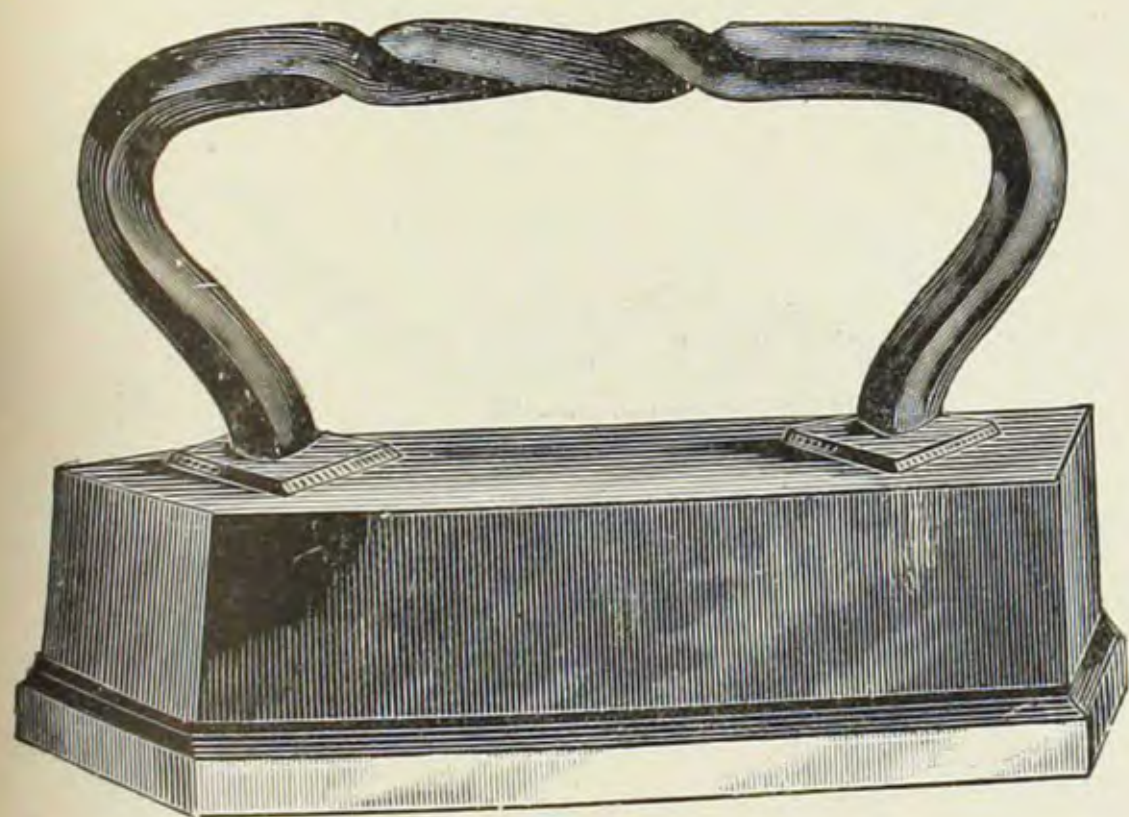


Nos. 2 and 3, per pound, \$
 Nos. 4 to 12, " "

NICKEL-PLATED

Nos. 4, 5, 6, 7, and 8, per pound, \$

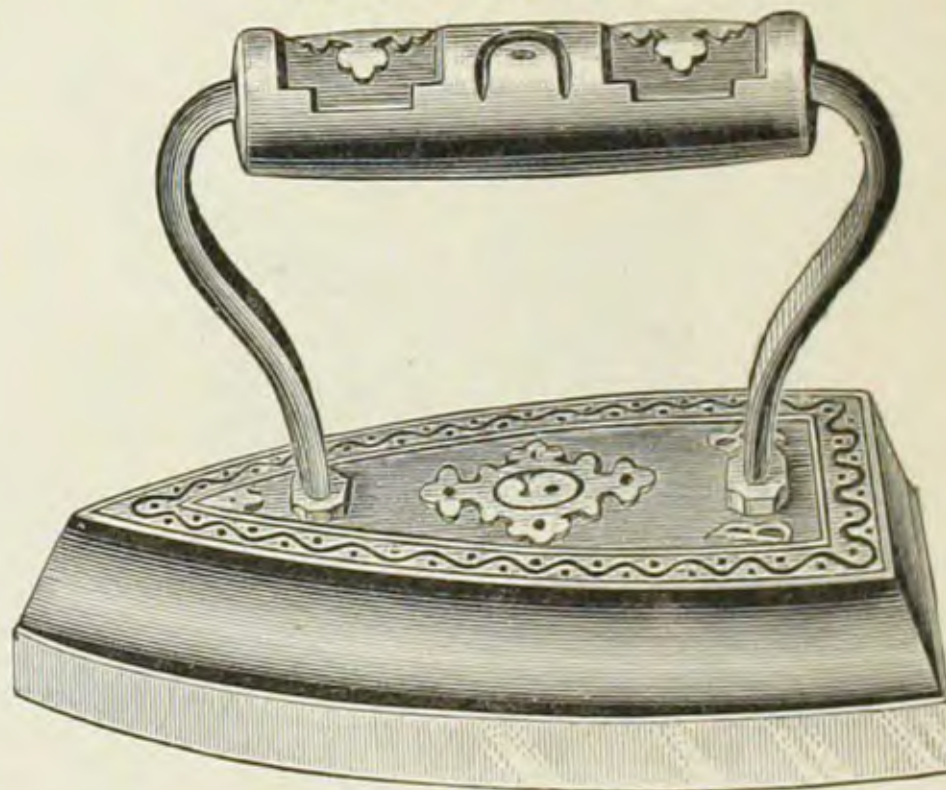
TAILORS' GEESE



Weight, 12, 14, 16, 18, 20, 22,
 and 24 pounds, per pound, \$

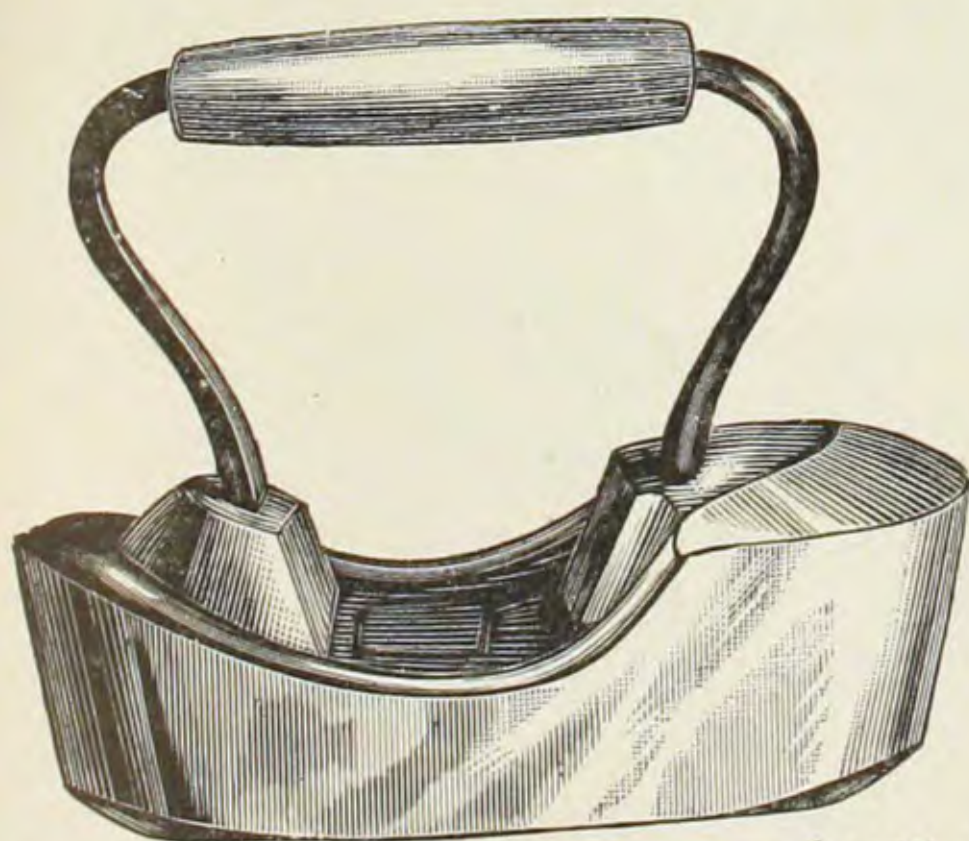
B. B. SAD IRONS

EXTRA FINISHED



Nos. 4, 5, 6, 7, 8, and 9, per pound, \$

POLISHING IRONS



Keystone,

per dozen, \$4.00

Sleeve or Flounce,

per dozen, \$5.00



BRASS KETTLES

GENUINE SPUN



Quart,	2	4	6	8	10	12	16	18	20
Size, inches,	7×4½	8×5	9×6	10×7	11×8	12×9	13×9½	14×10	15×10½
Per dozen,	\$3.60	5.40	9.00	10.80	12.60	14.40	18.00	20.64	23.40
Quart,	24	32	40	48	56	72	100	128	
Size, inches,	16×11	17×11½	18×12	19×13	20×14	22×15½	24×17	26×18½	
Per dozen,	\$27.00	32.40	41.58	49.50	65.34	79.20	108.90	136.62	

ENAMELED KETTLES



Quart,	2	2½	3	3½	4	5	6
Each,	\$0.60	.62	.65	.70	.75	.90	1.10
Quart,	7	8	10	12	14	16	
Each,	\$1.20	1.30	1.40	1.50	1.75	2.00	

FAMILY GLUE POTS



Per dozen,

Half dozen in a box.

\$5.00

TINNED OR ENAMELED SAUCE PANS



Pint,	1	1 1/2	2	3				
Each,	\$0.39	.44	.48	.56				
Quart,	2	2 1/2	3	4	5	6	7	8
Each,	\$0.63	.68	.73	.84	.96	1.11	1.21	1.31

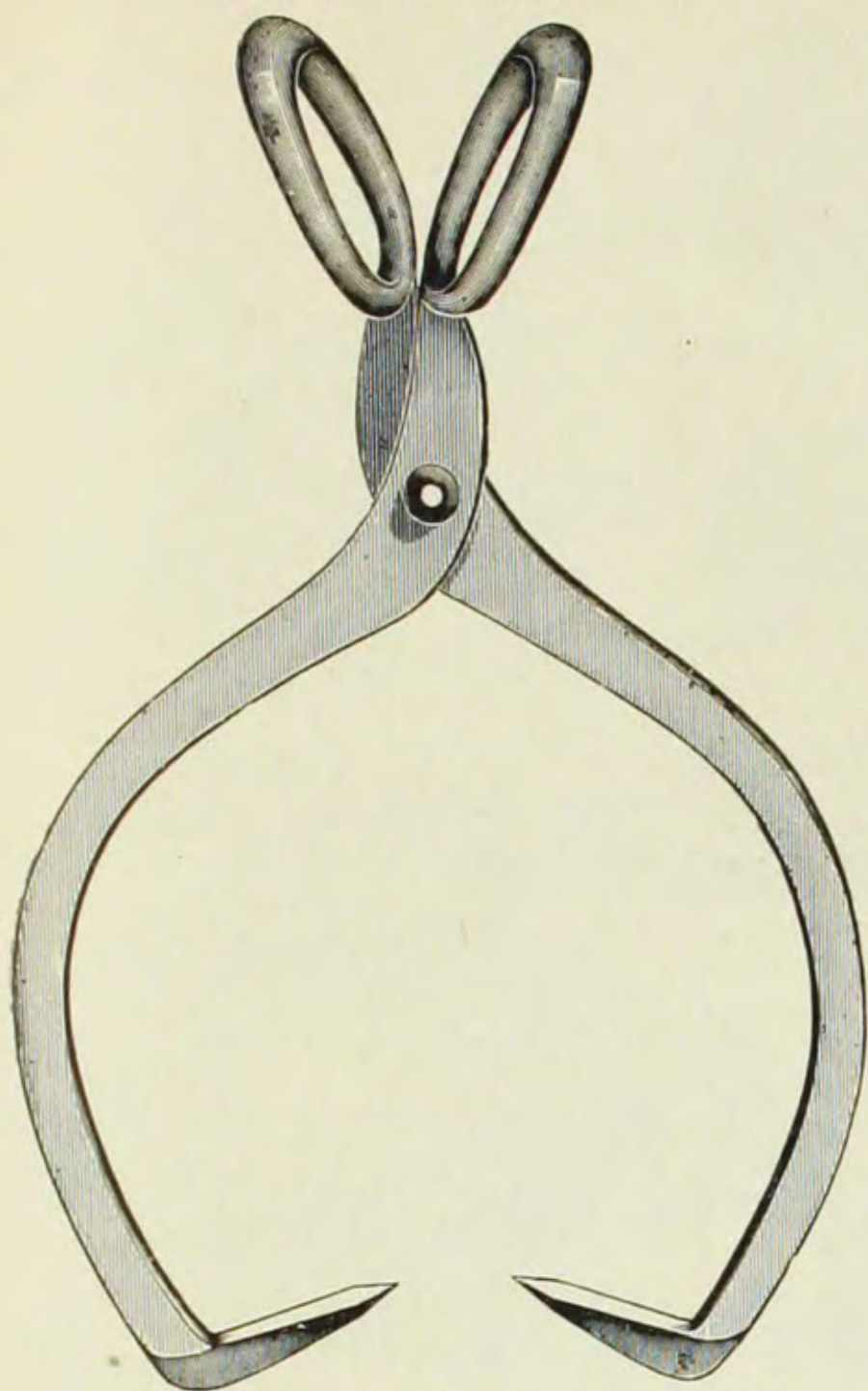
Sauce Pans same List Prices, Tinned or Enameled.

TINNED GLUE POTS



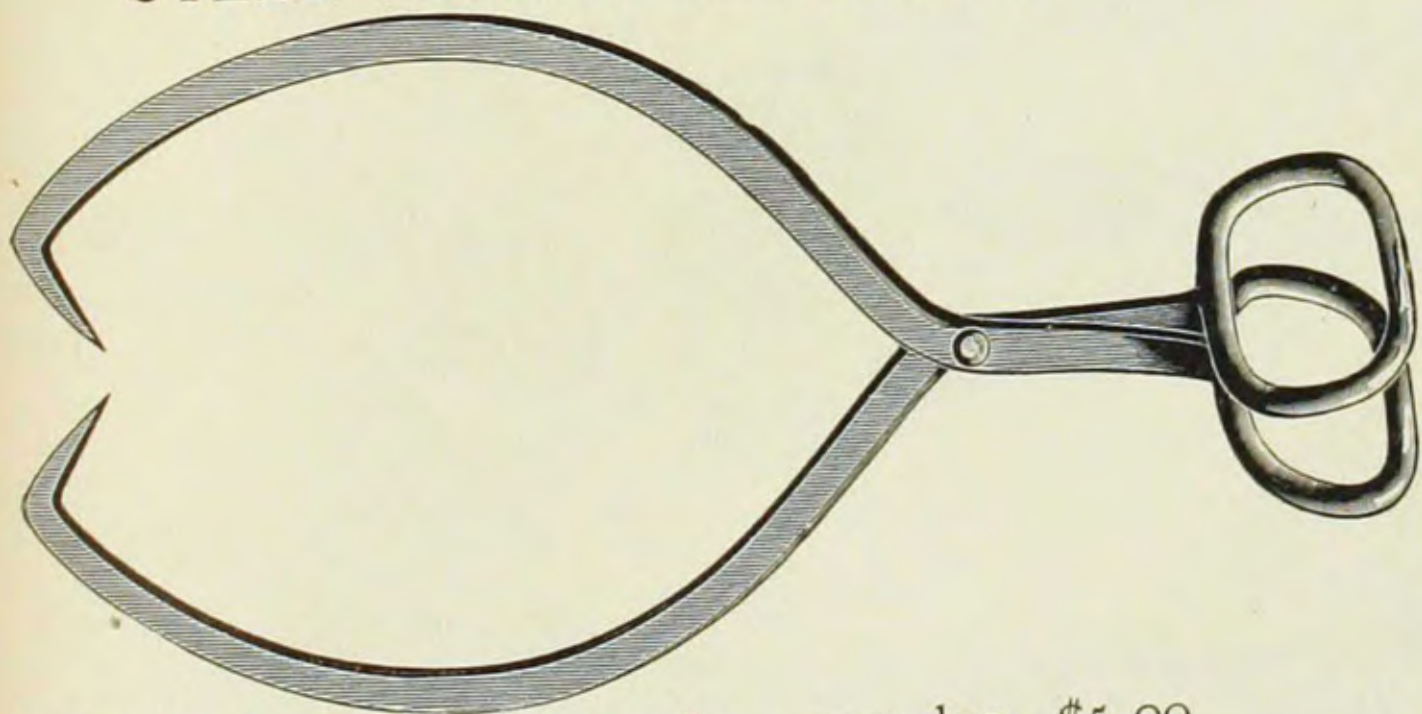
Nos.	0000	000	00	0	1
Capacity, 1 gill.	½ pint.	3 gills.	1 pint.	1½ pint.	
Per doz.,	\$4.50	5.00	5.50	6.00	6.75
Nos.	2	3	4	5	6
Capacity, Quart,	1	1½	1¾	2	2½
Per dozen,	\$8.40	10.26	12.42	14.58	16.94

ICE TONGS



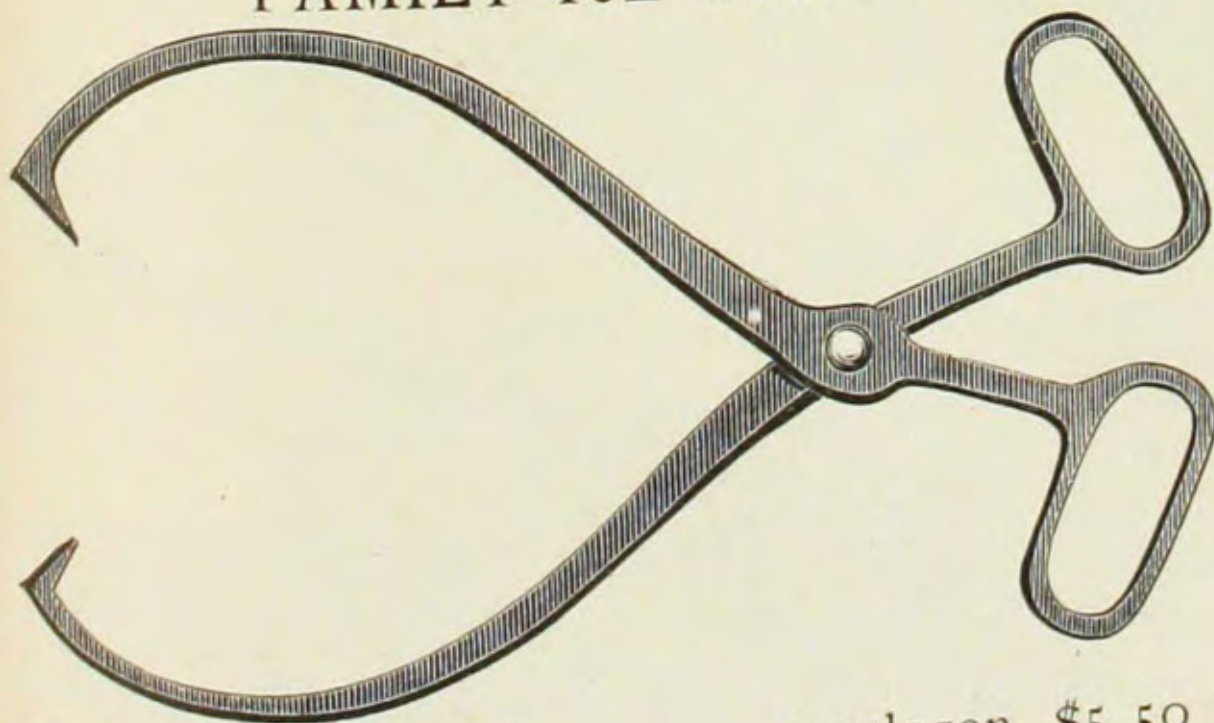
Nos.	0	1	2	3	4
Open inches,	11	14	17	20	24
Per dozen,	\$18.00	23.28	27.12	32.16	37.20

STEEL FAMILY ICE TONGS



Painted Red, will open 13 in., per doz., \$5.00

FAMILY ICE TONGS

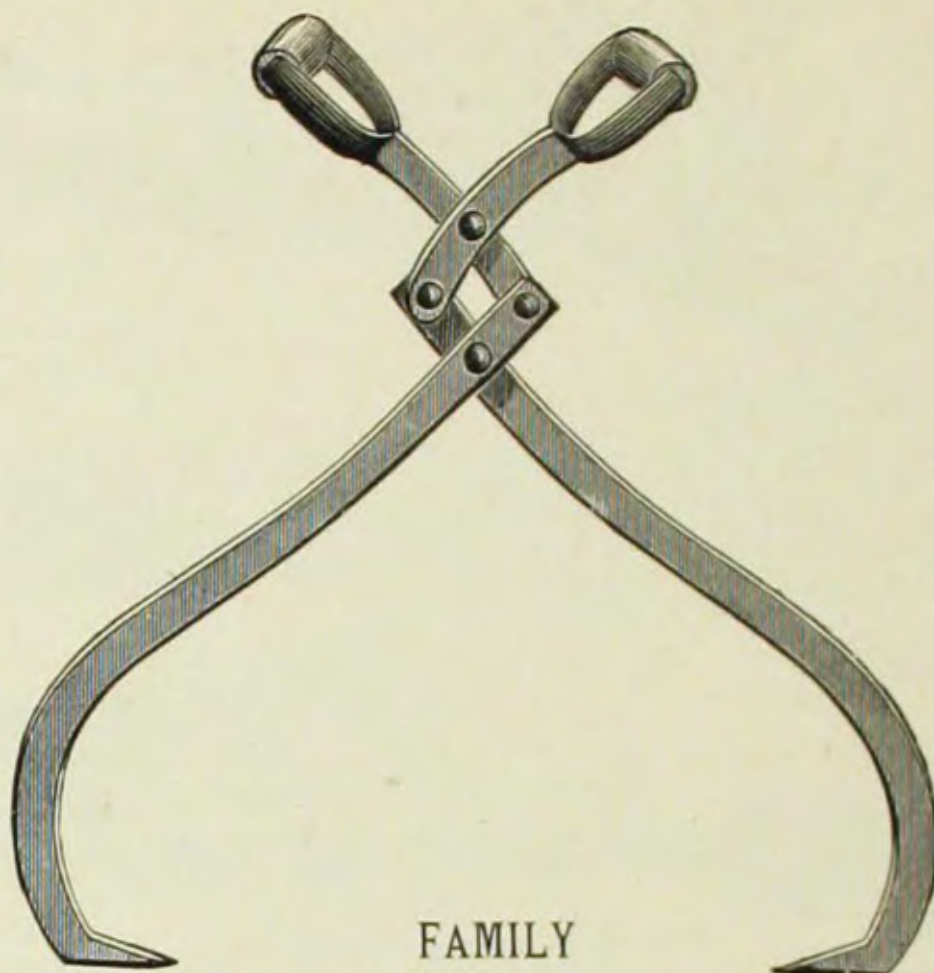


Malleable Iron, Plain,
" " Tinned,

per dozen, \$5.50
" " 8.00

ELY'S STEEL ICE TONGS

951



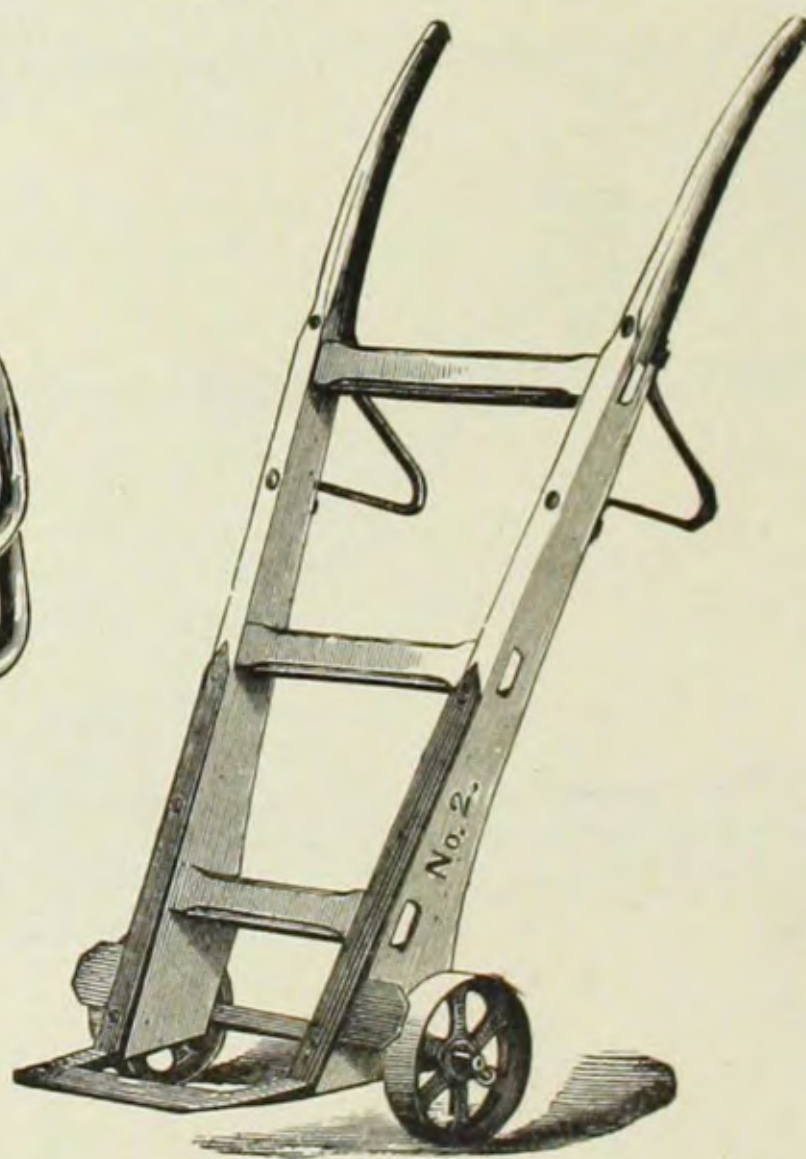
FAMILY

12 inches, Steel Handles, per dozen, \$6.00
18 " " " " 9.00

DEALERS'

24 inches, Wood Handles, per dozen, \$15.00
28 " " " " " 17.00

HAND TRUCKS



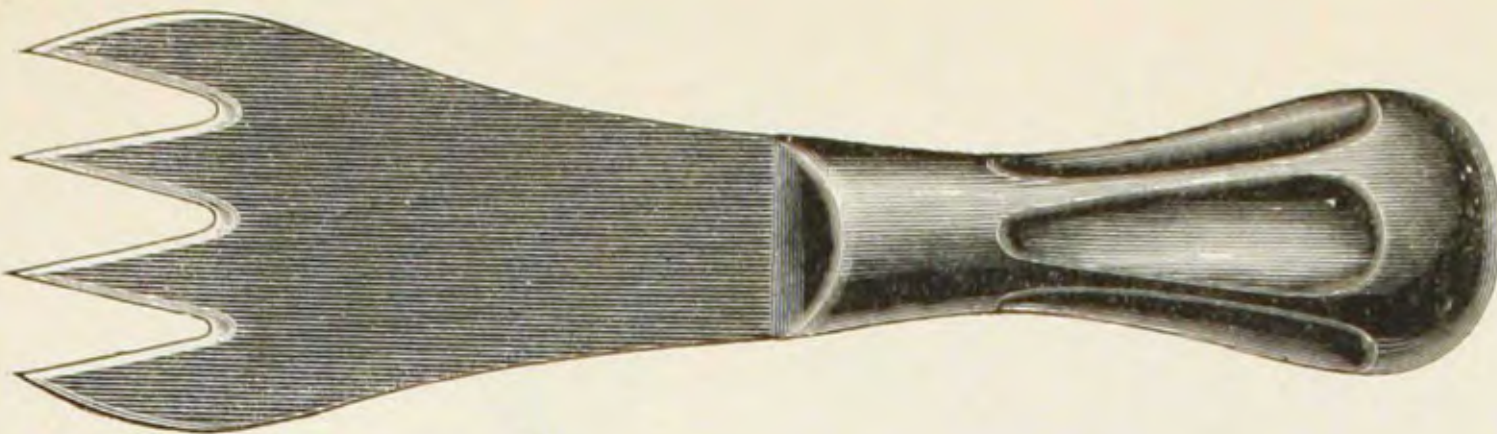
NEW YORK PATTERN

No.	Length of Handles.	Diameter of Wheels.	Plain. Each.	Strapped up. Each.
0	3 feet 6 inches,	6 inches,	\$4.50	\$5.50
1	4 " 1 "	7 "	4.75	5.75
2	4 " 5 "	8 "	5.75	6.75
3	4 " 8 "	9 "	6.75	7.75
4	5 " 0 "	10 "	7.75	8.75

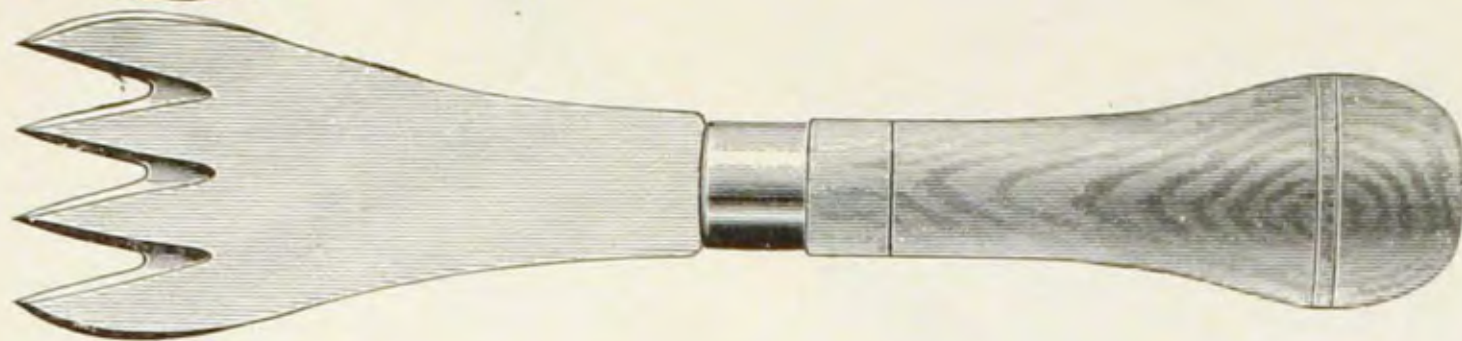
By strapped up is meant the iron carried up to upper cross bars on arms.



ICE CHISELS



No. 900 Iron Handle, Forged Steel Blade, Japanned, per dozen, \$3.00



No. 1000 Forged Steel Blade, Polished Wood Handle, Nicked Ferrule, per dozen, \$3.30

No. 1001 Forged Steel Blade, Polished Wood Handle, Nicked Ferrule, Heavy Tinned Iron Cap, per dozen, \$3.75

No. 1897 Steel Blade, Polished Fancy Turned Handle, Imitation of Oak, Heavy Tinned Cast Iron Cap, per dozen, \$2.50



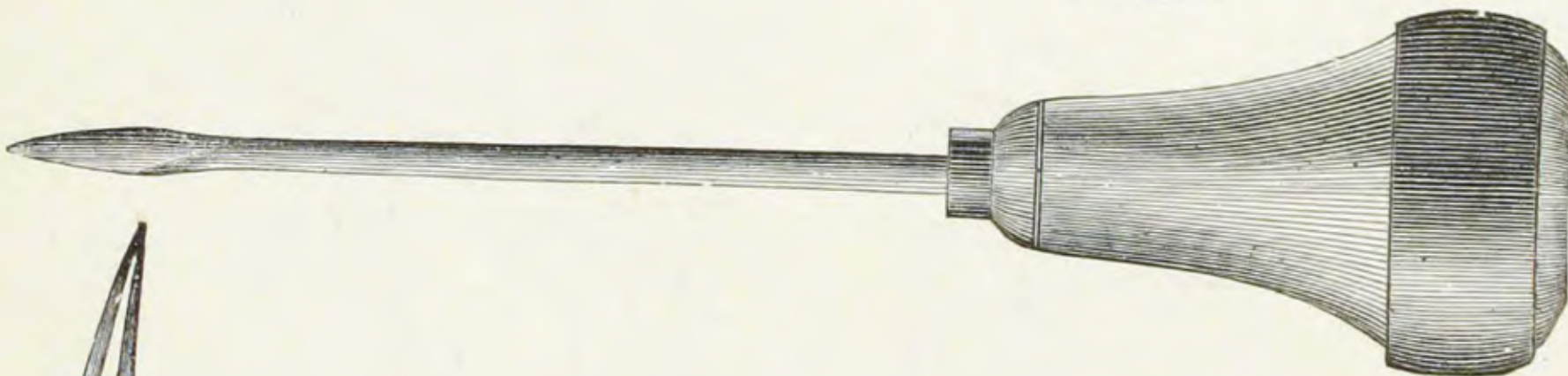
No. 1005 Heavy Forged Steel Blade, Securely Riveted with Malleable Ferrule to a Stout Handle, Length 42 inches, per dozen, \$22.50



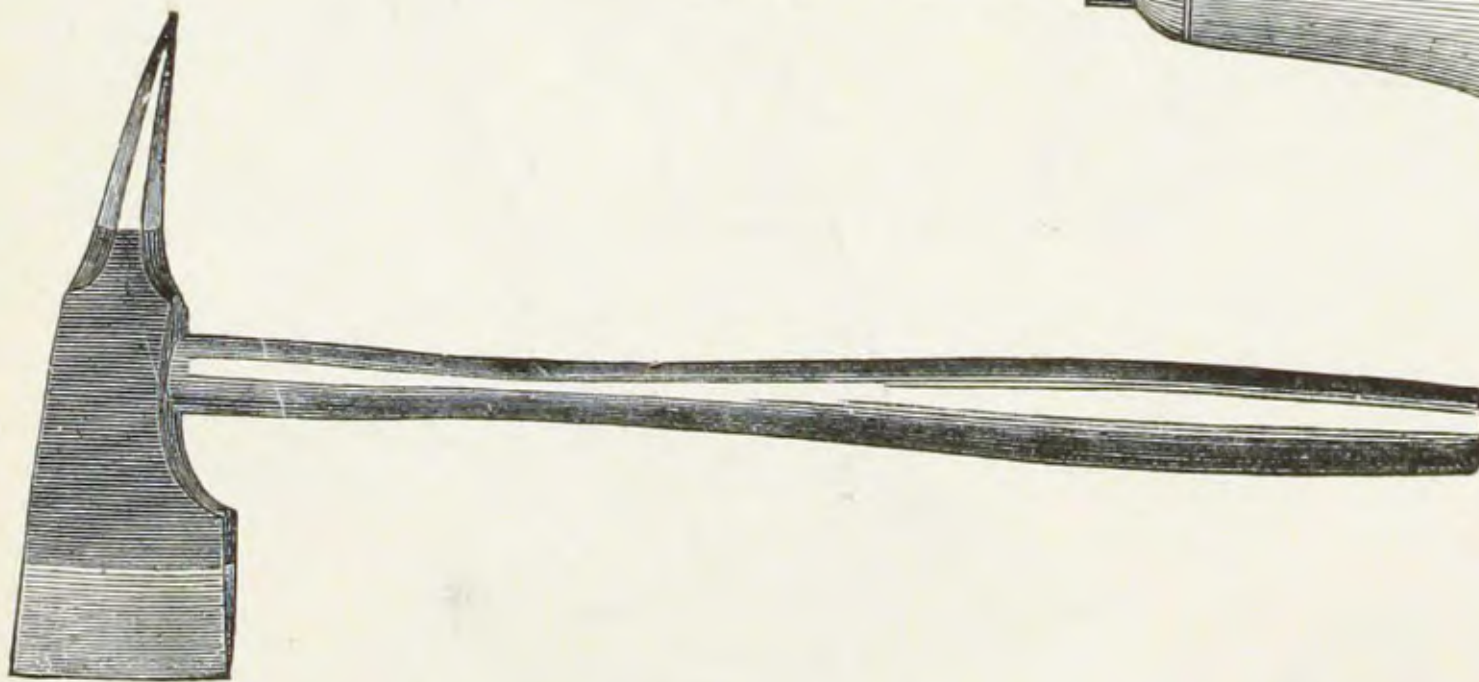
No. 1 Steel Pick, Heavy Iron Head, Tinned, per dozen, \$2.30



No. 1004 Polished Maple Handle, Steel Pick, Needle Point, per dozen, \$2.50
All above, half dozen in a box.



Dunlap's Patent, Cast Steel Blades, Heavy Tinned Malleable Rings or Bands on Handles, per dozen, \$2.00
One dozen in a box.

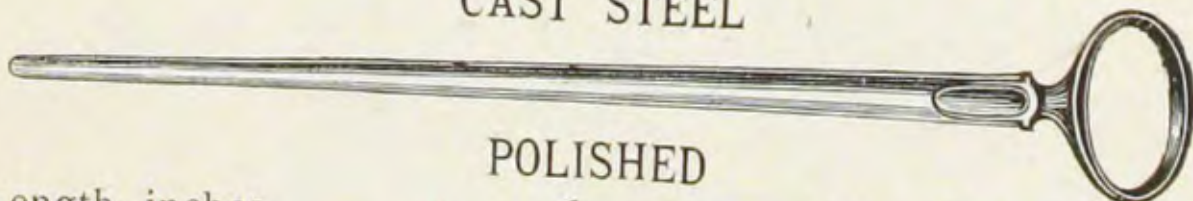


ICE HATCHETS

No. 13 Malleable, Polished, per dozen, \$2.00
One dozen in a box.

BUTTER AND CHEESE TRYERS

CAST STEEL



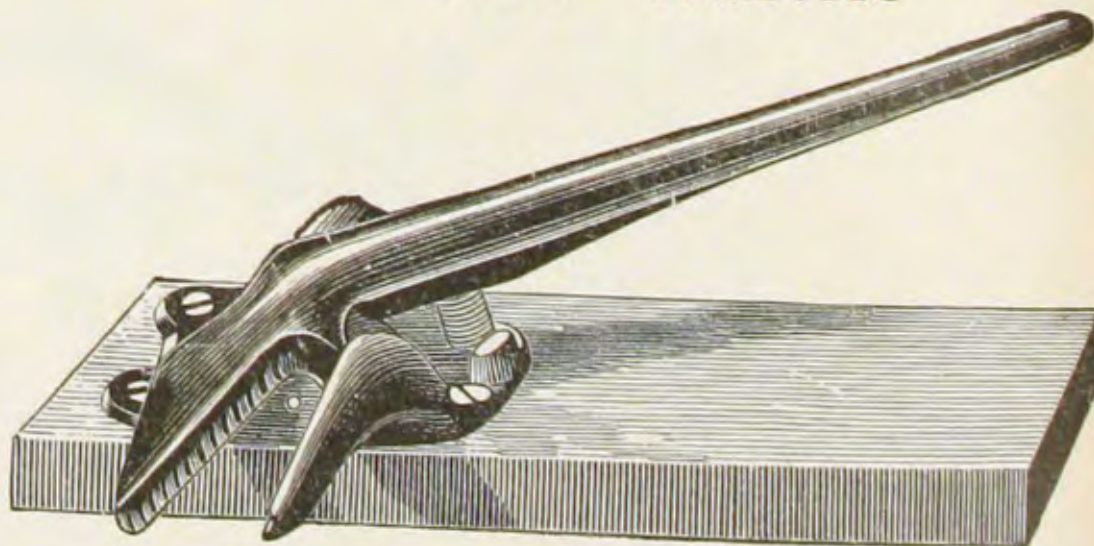
POLISHED

Length, inches,	4	6	12	15	18	21	24
Per dozen,	\$3.50	4.00	6.50	7.25	7.80	8.50	9.25

NICKEL-PLATED, EXTRA FINISH

Length, inches,	4	6	12	15	18	21	24
Per dozen,	\$5.50	6.00	8.50	9.25	9.80	10.50	12.00

Half dozen in a box.

BLAKE'S PATTERNS
NUT CRACKS

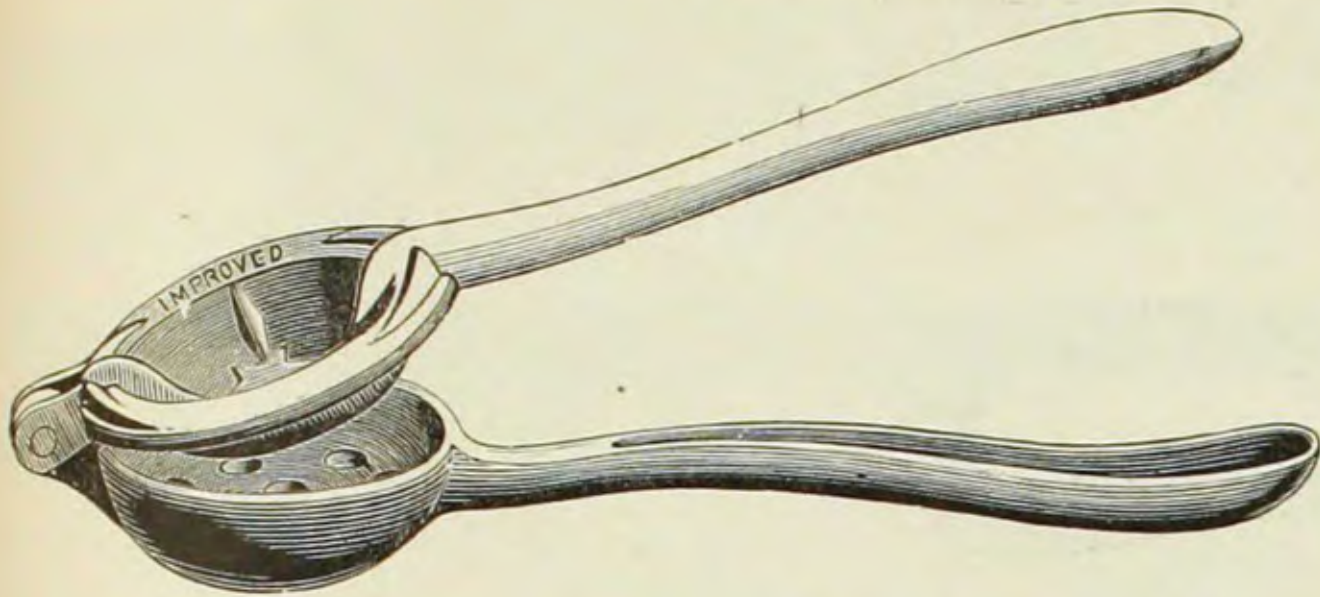
Per dozen,

\$5.50



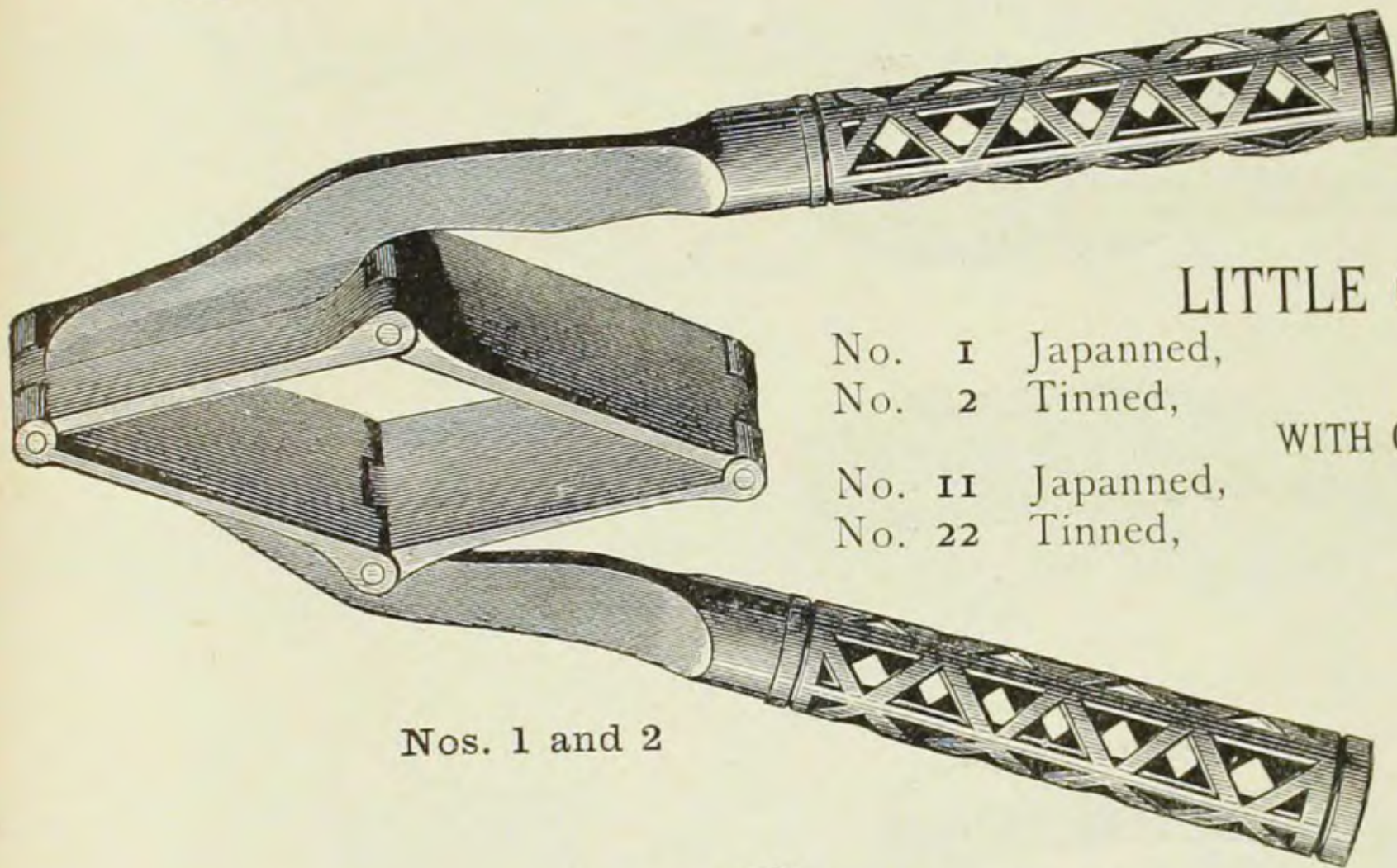
LEMON SQUEEZERS

953



No. 210 Tinned, per dozen, \$3.75

Half dozen in a box.



LITTLE GIANT

No. 1	Japanned,	per dozen, \$6.00
No. 2	Tinned,	" " 8.00

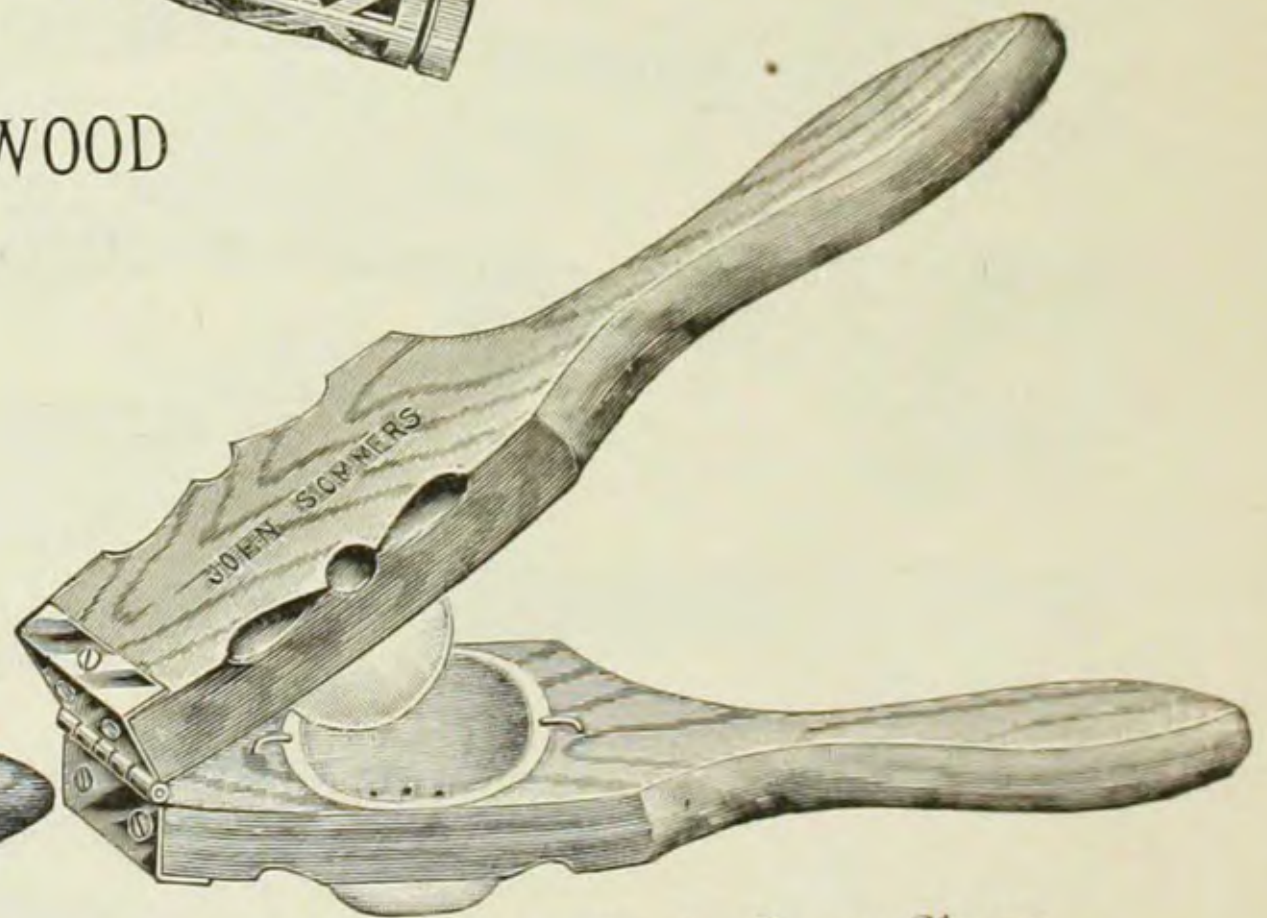
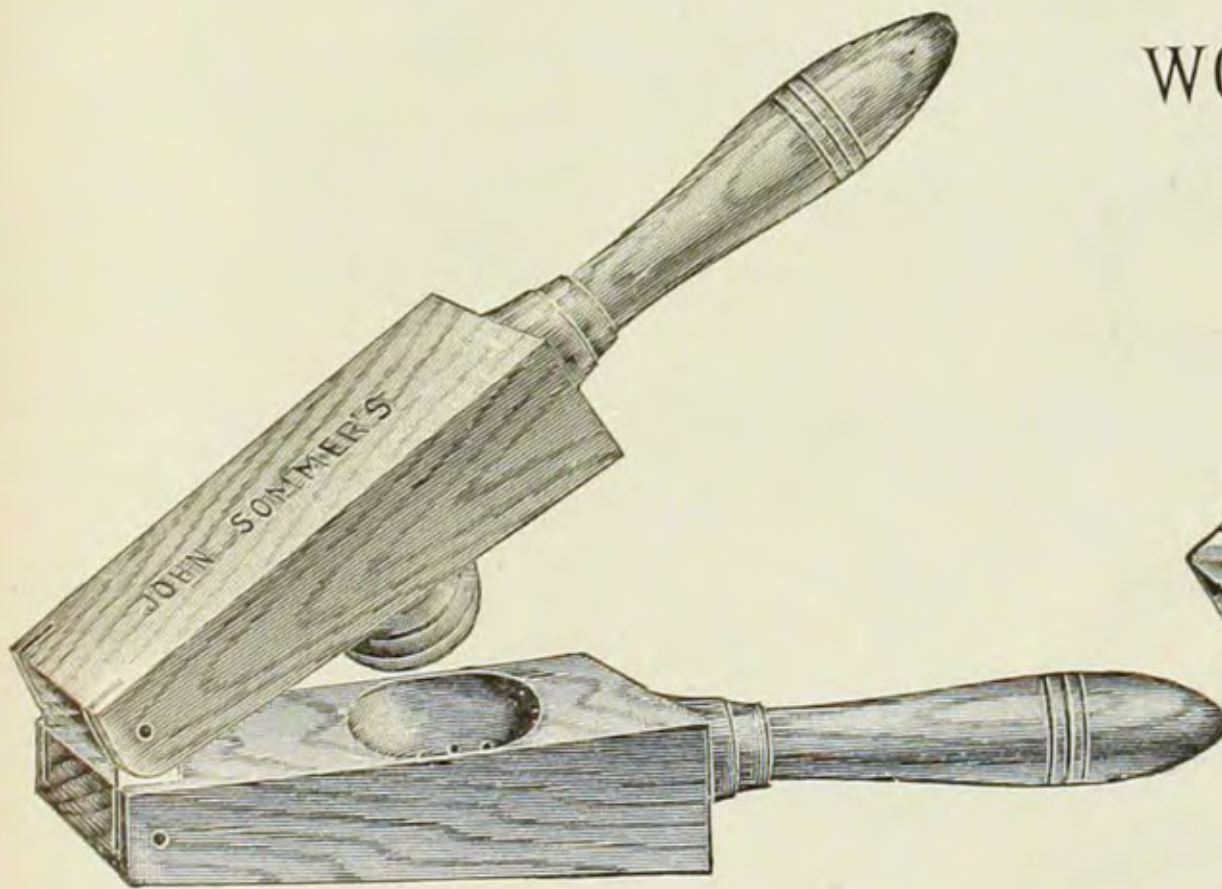
WITH CAP

No. 11	Japanned,	per dozen, \$7.00
No. 22	Tinned,	" " 9.00

Half dozen in a box.

Nos. 1 and 2

WOOD

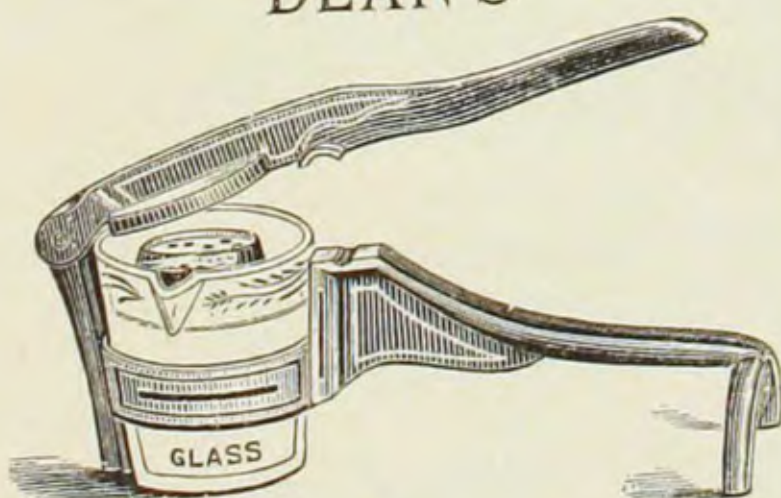


No. 22 Plain Sheet Steel Hinges, per doz., \$1.00

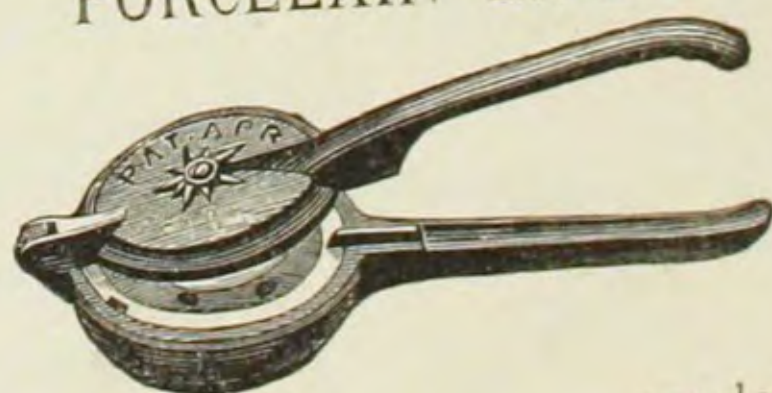
No. 7 Boss, Extra Grade, Fancy Shape, Steel Hinges with Overlapping Ends, Heavy Porcelain Bowl, 1/2 in. thick, per doz., \$4.00

DEAN'S

PORCELAIN LINED



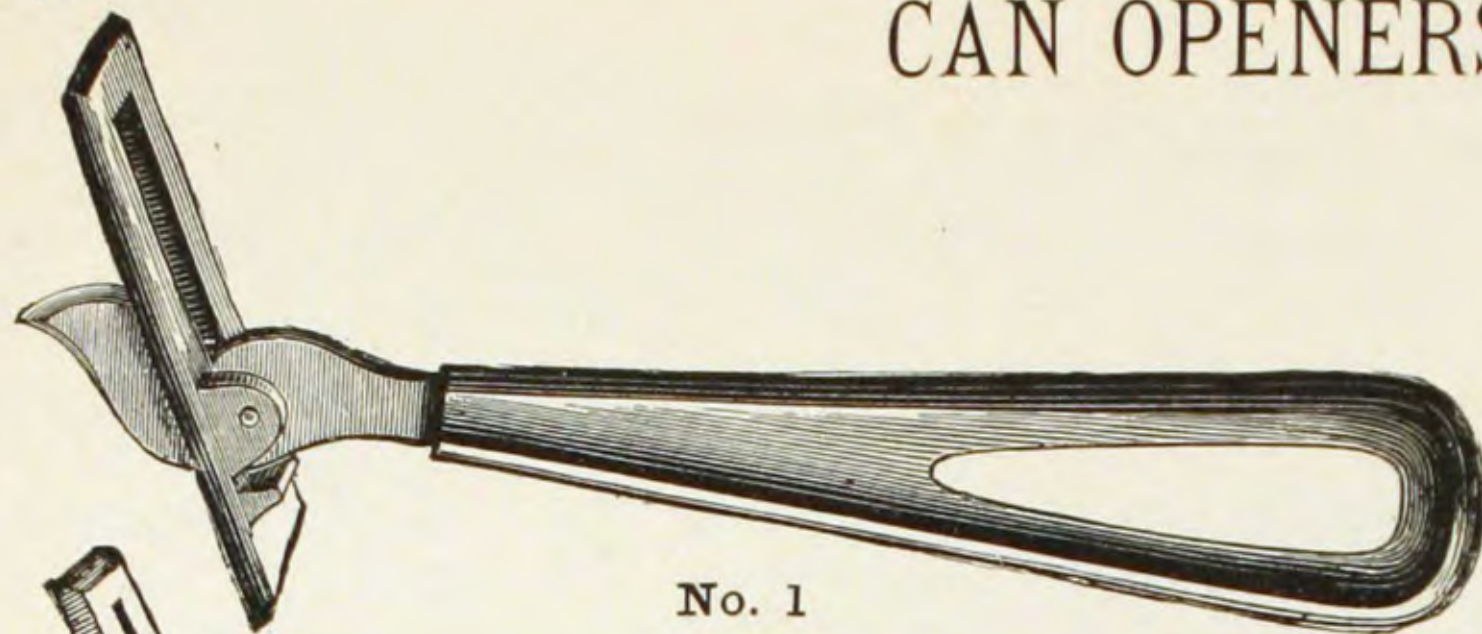
No. 2 With Porcelain Cup and Glass Tumbler, per doz., \$8.00



No. 20 Iron, IDEAL Iron, Porcelain Bowl, Wood Ball, per doz., \$7.00
4.20



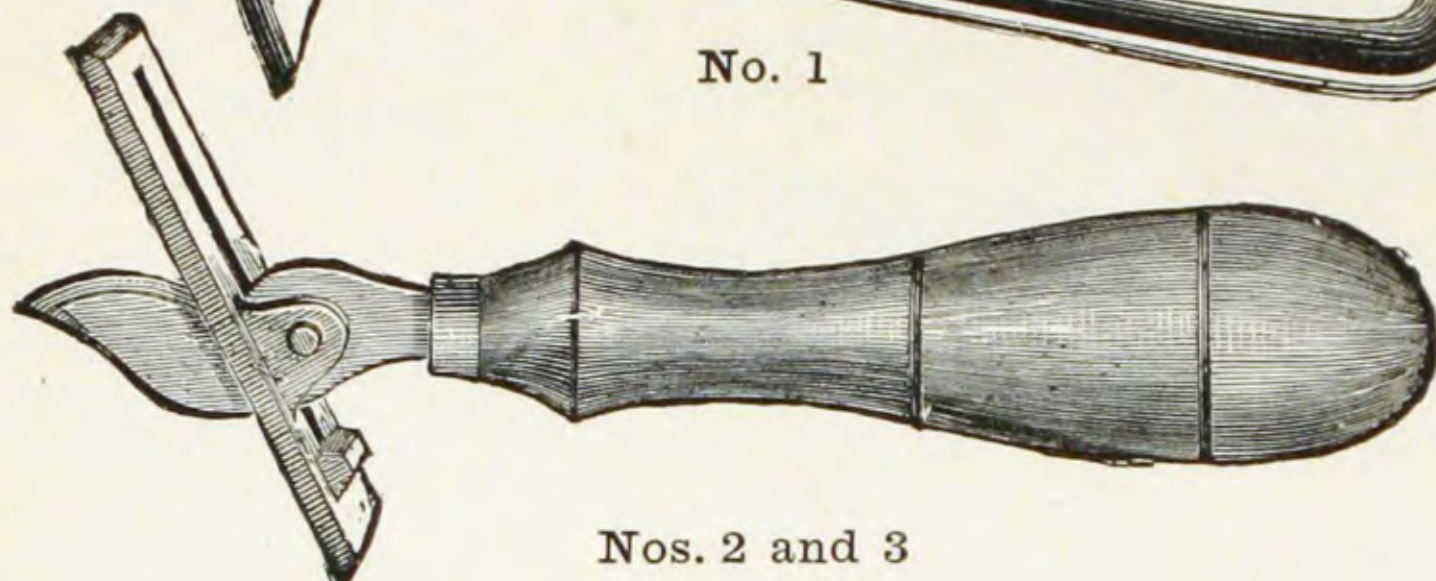
CAN OPENERS



No. 1

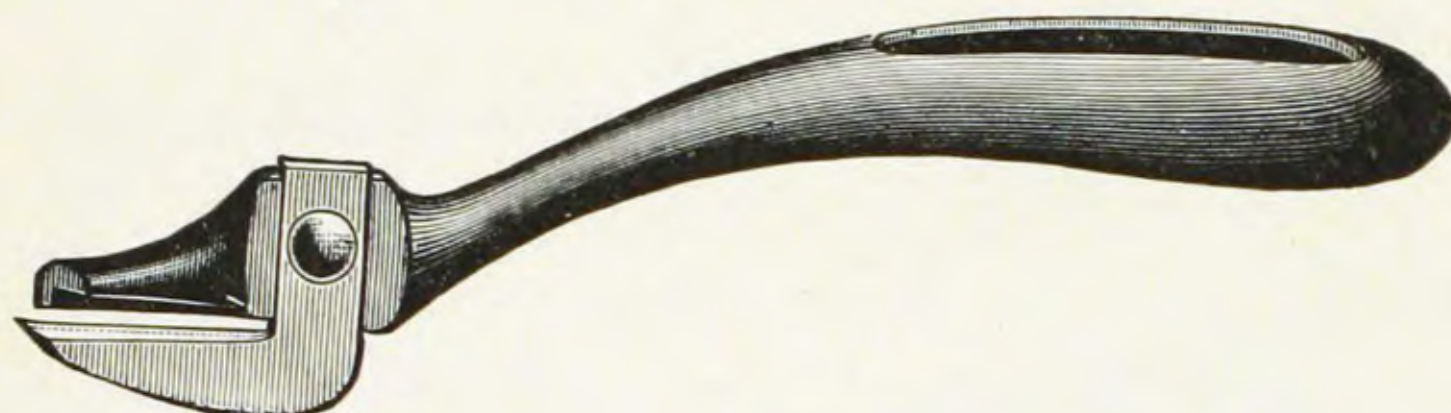
SPRAGUE

No. 1 Iron Handles, Steel
Blades, per doz., \$2.00



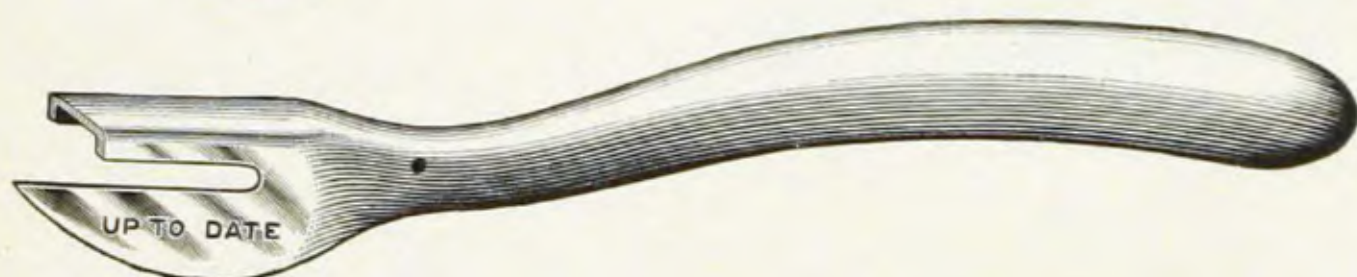
Nos. 2 and 3

No. 2 Plain Wood Handles,
Steel Blades, per doz., 2.25
No. 3 Imitation Ebony Handles,
Steel Blades, per doz., 2.50



IRON HANDLE

No.		Per dozen.
5	Japanned, Steel Blades,	\$1.00
6	" Polished Steel	
	Blades, Heavy,	2.00
10	Nickel-plated,	3.00



UP TO DATE

No.		Per dozen.
11	Bright, Solid Steel,	\$1.00
12	Nickel-plated, Solid Steel,	1.50



BEST

It cannot slip, Blades made of Tempered Tool Steel.

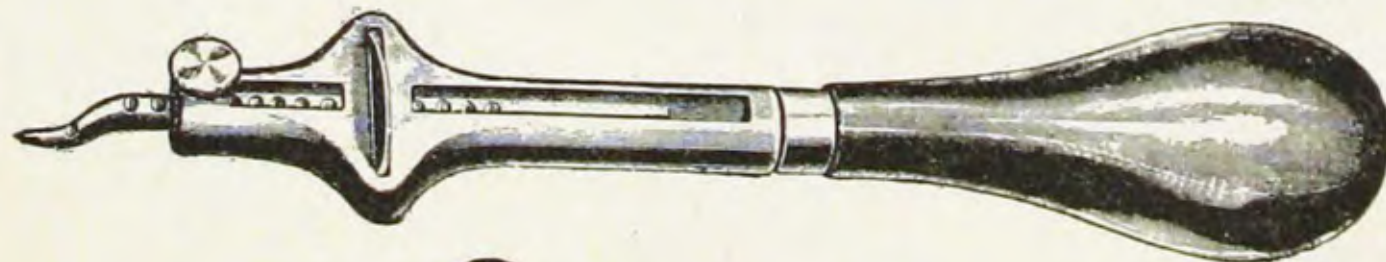
No. 15 White Nickered, per doz., \$2.40



PEERLESS

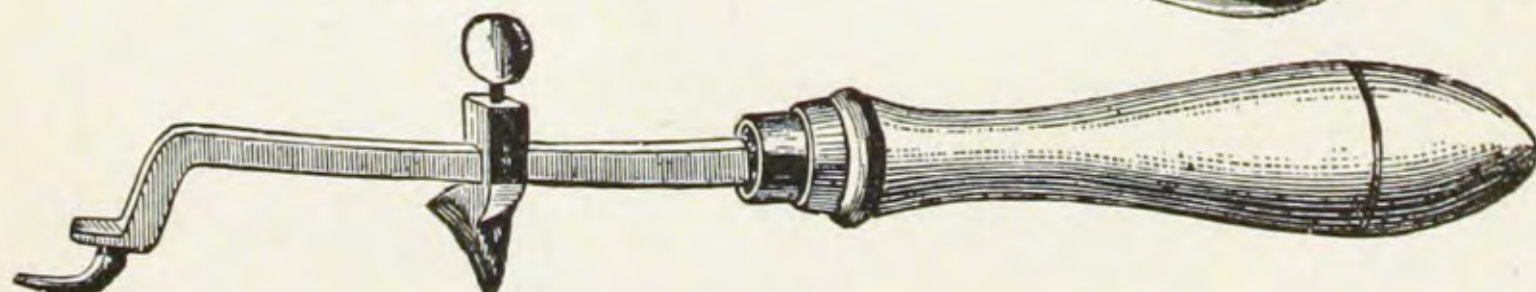
A first-class tool in both make and finish. The Blade is of Cutlery Steel, tempered and WARRANTED. Finished in bright Nickel with double Japanned Handle. Works equally well on the top or side.

Per dozen, \$4.20



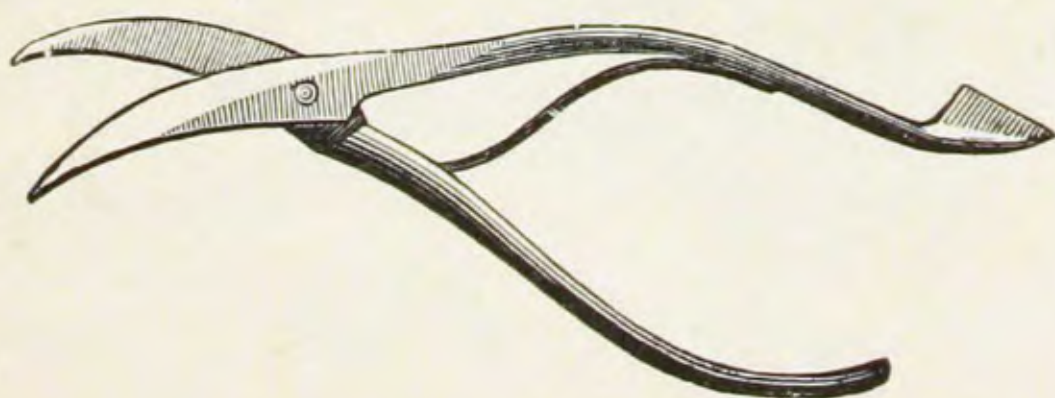
CYCLONE

Per dozen, \$4.50



STAR

Per dozen, \$8.00



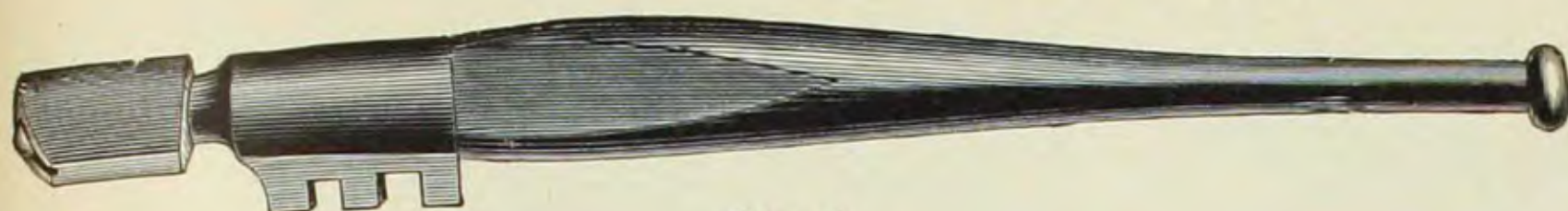
No. 75 Sardine Shears, per dozen, \$8.75

All above, one dozen in a box.



GLASS CUTTERS

955



No. 0

No. 0 Ebonized Wood Handle, with Loose Head, per gross, \$24.00



No. 1

No. 1 per gross, \$20.00



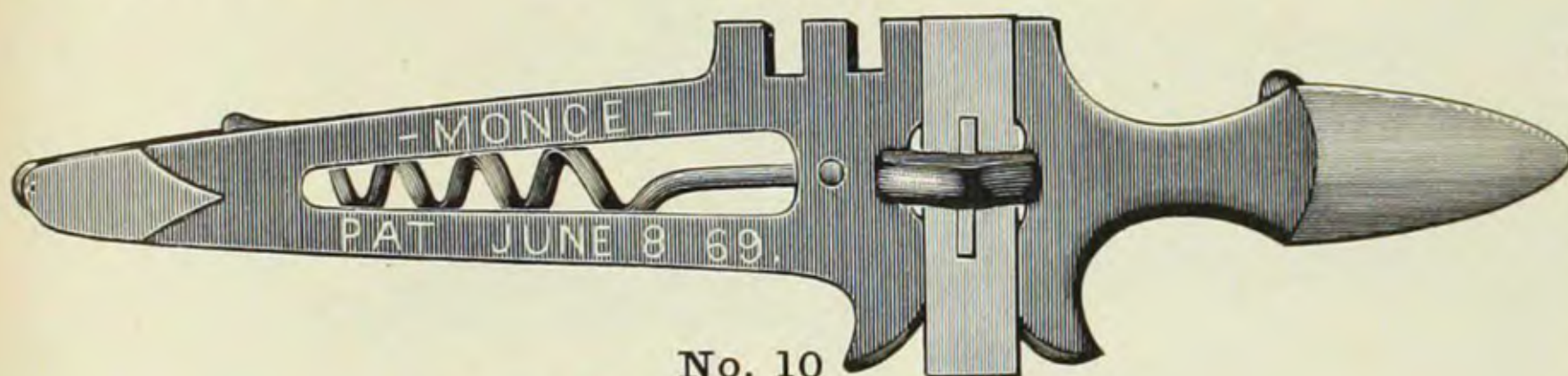
No. 3

No. 2 Malleable Iron Handle, Putty Knife combined, per gross, \$20.00
No. 3 Putty Knife and Glass Cutter combined, per gross, \$11.00
No. 4 Putty Knife and Glass Cutter combined, heavy, per gross, \$12.00



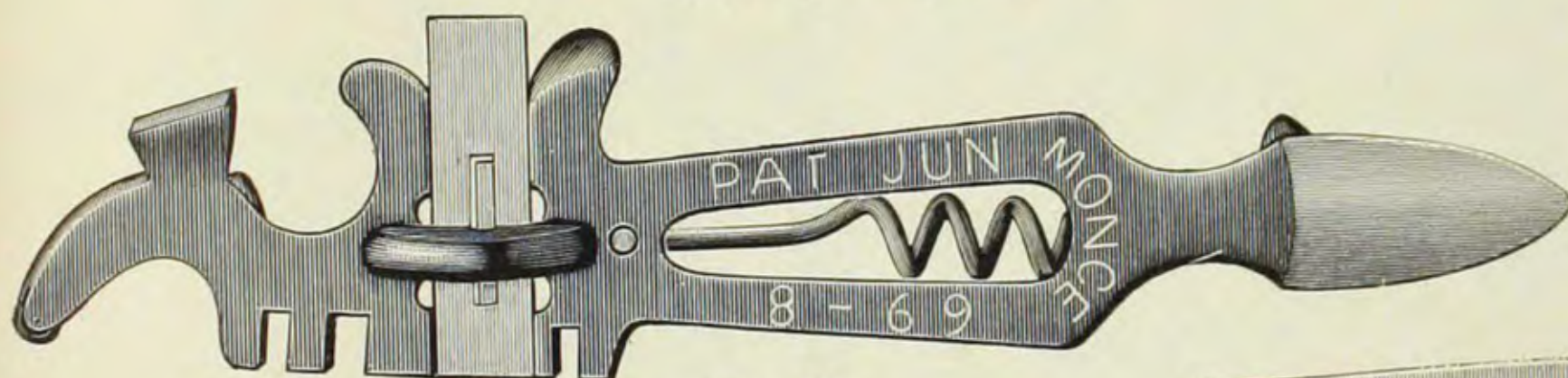
No. 5

No. 5 Heavy, for cutting Plate Glass, per gross, \$12.00



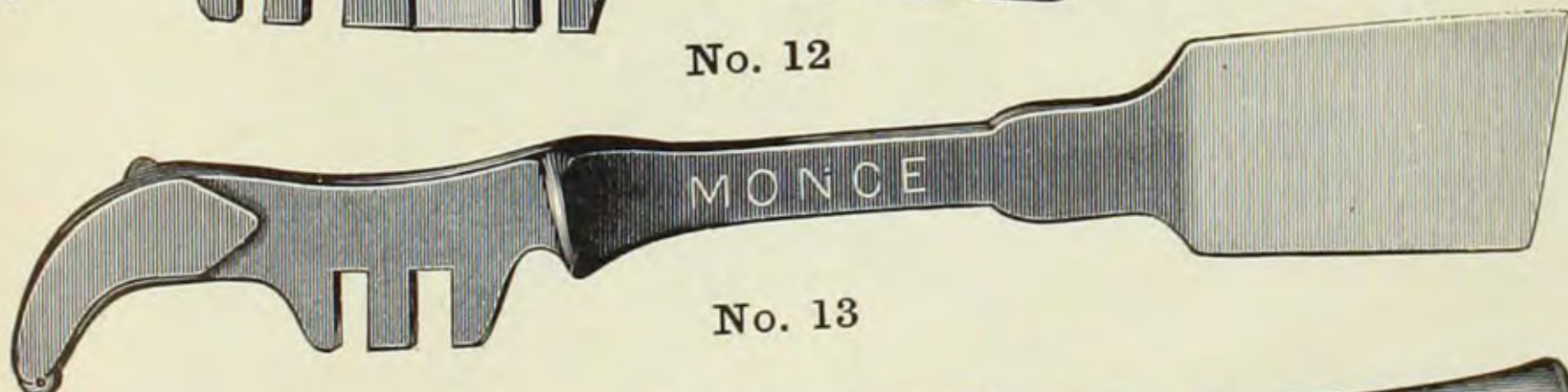
No. 10

No. 9 Knife Sharpener, Can Opener, and Glass Cutter combined, per gross, \$10.67
No. 10 Knife Sharpener, Can Opener, Corkscrew, and Glass Cutter combined, per gross, \$12.00



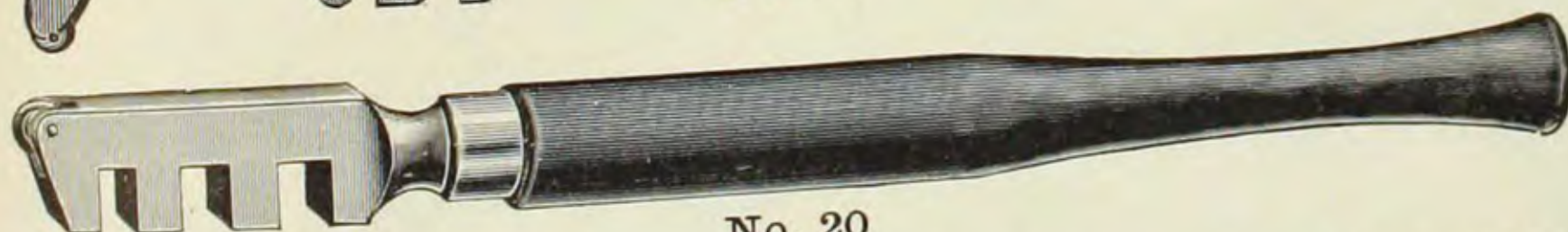
No. 12

No. 11 Knife Sharpener, Can Opener, Tack Hammer, and Glass Cutter combined, per gross, \$10.67
No. 12 Knife Sharpener, Can Opener, Tack Hammer, Glass Cutter, and Corkscrew combined, per gross, \$12.00



No. 13

No. 13 Putty Knife and Glass Cutter combined, per gross, \$11.33



No. 20

No. 20 Wood Handle, per gross, \$16.50
Above, one dozen in a box.

GOODELL'S IMPROVED GLASS CUTTERS



No. 1

No. 1 Polished and Nicked Frame, Turret Holder, Six Cutters, Nicked Ferrule, Rosewood Finish Handle, per dozen, \$4.00
Extra Cutter Wheels, per dozen, .50



No. 3

No. 3 Polished Frame, Two Cutters, Nicked Ferrule, Enamelled Wood Handle, per dozen, \$2.00



No. 5

No. 5 Polished and Bronze Finish Frame, Two Cutters, per dozen, \$1.50
One dozen in a box.



EXTRA QUALITY CAST STEEL CORKSCREWS

(HUMASON & BECKLEY MFG. CO.)

MADE FROM BEST CAST STEEL RODS

ILLUSTRATIONS, HALF-SIZE



POLISHED BLADE

No. 54 Cocobolo Handle,

Per dozen. \$4.00

SPIRAL COIL

No. 118 Cocobolo Handle,

Per dozen. \$4.00

No. 54



POLISHED BLADE

No. 50 Lignum-vitæ Handle, \$4.50

SPIRAL COIL

No. 50



POLISHED BLADE

No. 139 Maple Handle, \$5.00

Per dozen.

SPIRAL COIL

No. 109 Maple Handle, \$5.00

Per dozen.

No. 139



CHINNOCK'S PATTERN LEVER

COCOBOLO HANDLES

No. 23 Japanned Frame, \$3.00

123 Bronzed Frame, 4.50

124 Nickel-plated, 6.00



POLISHED CENTER POINTED BLADE

No. 29 Cocobolo Handle, \$8.00
No. 27 Cocobolo Handle, no Brush, 7.00

SPIRAL COIL

No. 34 Cocobolo Handle, \$8.00
No. 32 Cocobolo Handle, no Brush, 7.00

Per dozen.

No. 34



POLISHED BLADE

No. 0 Maple Handle, \$1.25
No. 2 Cocobolo " 1.70
No. 4 " " 2.00
No. 6 " " 2.50
No. 7 " " 2.80

Square Shank, 2.80
CONVEX TWIST

No. 51 Cocobolo Handle, \$2.50

Per dozen.

No. 7

One dozen in a box.



SUPERIOR CAST STEEL CORKSCREWS

957



POLISHED BLADE
No. Per dozen.
102 Maple H'dle, \$1.50
104 " " 1.80
106 " " 2.20
107 " " 2.50



No. 106

CONVEX TWIST
No. Per dozen.
136 Maple H'dle, \$2.20
137 " " 2.50

WITH RING
No. Per dozen.
41 Maple H'dle, \$2.50
42 " " 3.00



POLISHED BLADE
No. Per dozen.
115 Cherry H'dle, \$1.25
116 " " 1.50
119 " " 1.80



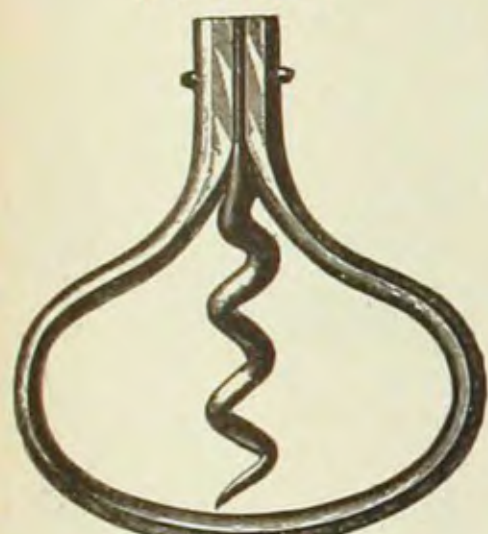
No. 119

HEAVY
No. Per dozen.
122 Cherry H'dle, \$2.20



POLISHED BLADE
No. Per dozen.
8 Maple Handle, \$1.00

POCKET



No. 82
NICKEL-PLATED
Nos. 81 82
Per doz., \$2.20 2.50



No. 95

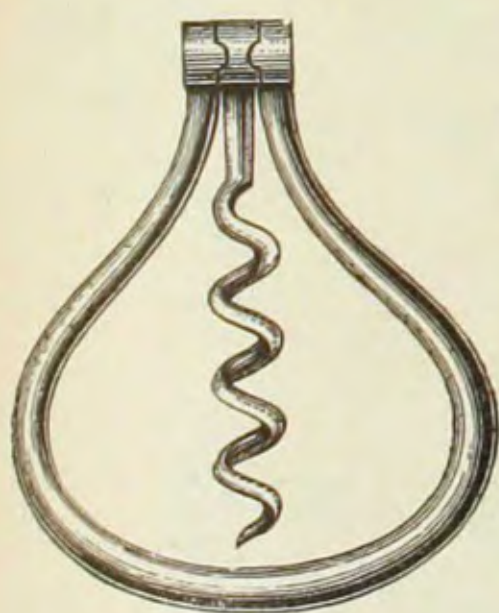
NICKEL-PLATED BLADE
No. Per dozen.
95 Cherry H'dle, \$3.00
96 " " 3.50

SPIRAL COIL
No. Per dozen.
113 Cherry H'dle, \$2.20
114 " " 2.50
127 " " 3.00
129 " " 3.50

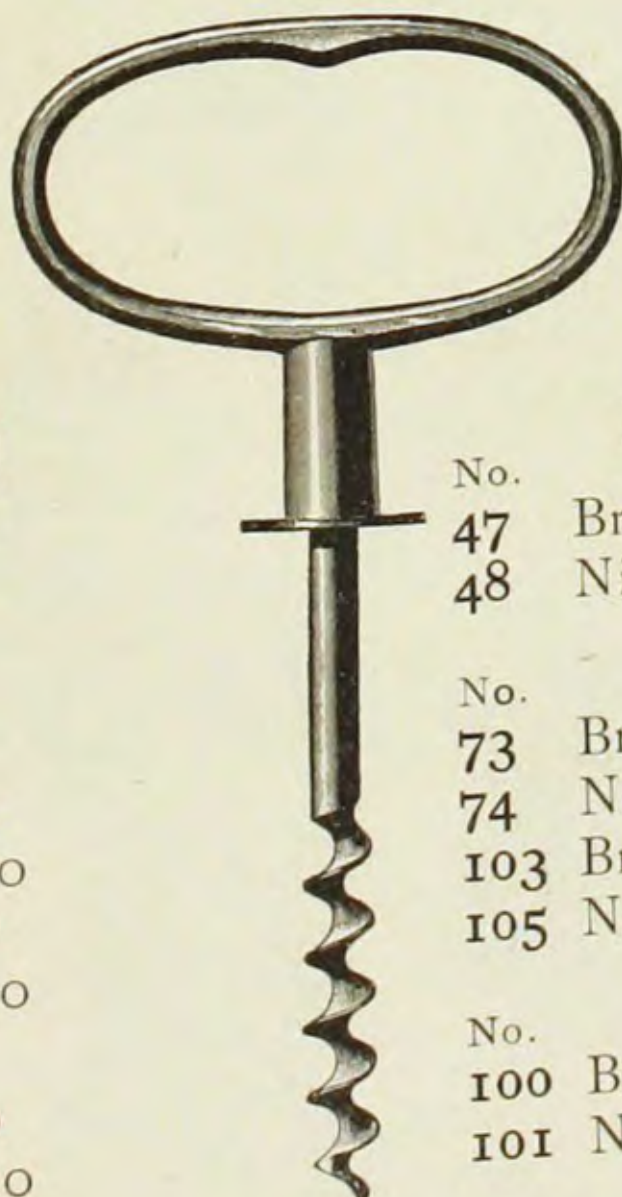


No. 31

POLISHED BLADE
No. Per dozen.
66 Cocobolo Handle, \$4.00
97 Cherry Handle, N. P., 4.50
SPIRAL COIL
31 Cocobolo Handle, 4.00
131 Cherry Handle, N. P., 4.50

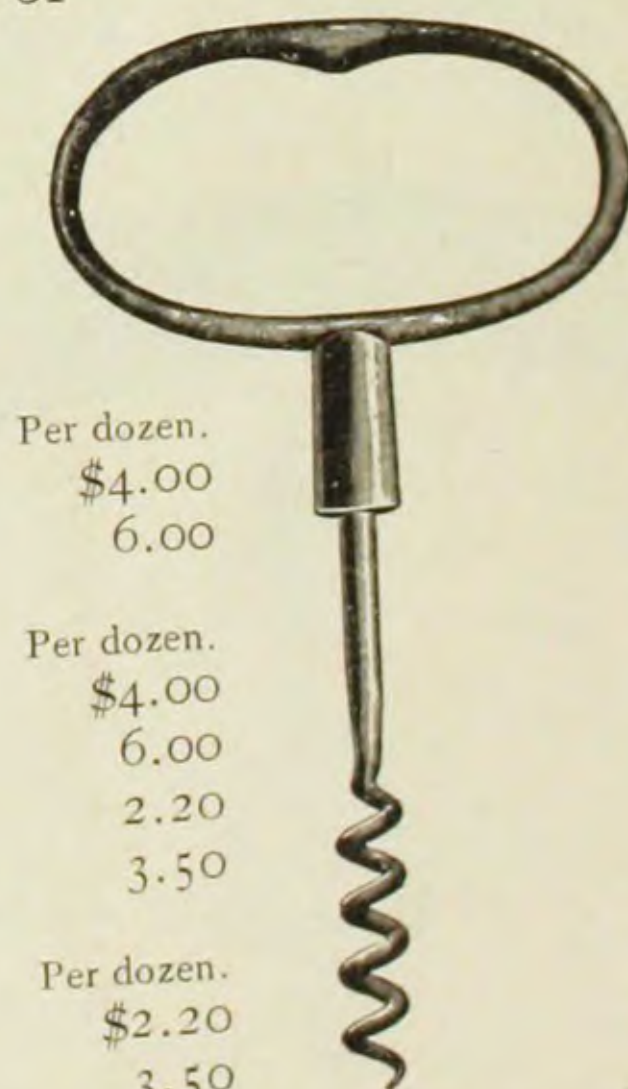


No. 37
POLISHED
Nos. 11 64
Per doz., \$4.80 5.00
No. 37
Per doz., \$5.20
CONVEX TWIST
No. 60
Per doz., \$5.20



Nos. 47 and 48

METAL HANDLE
No. Per dozen.
47 Bronzed Handle, \$4.00
48 Nickel-plated, 6.00
SPIRAL COIL
No. Per dozen.
73 Bronzed Handle, \$4.00
74 Nickel-plated, 6.00
103 Bronzed Handle, 2.20
105 Nickel-plated, 3.50
CONVEX TWIST
No. Per dozen.
100 Bronzed Handle, \$2.20
101 Nickel-plated, 3.50
One dozen in a box.

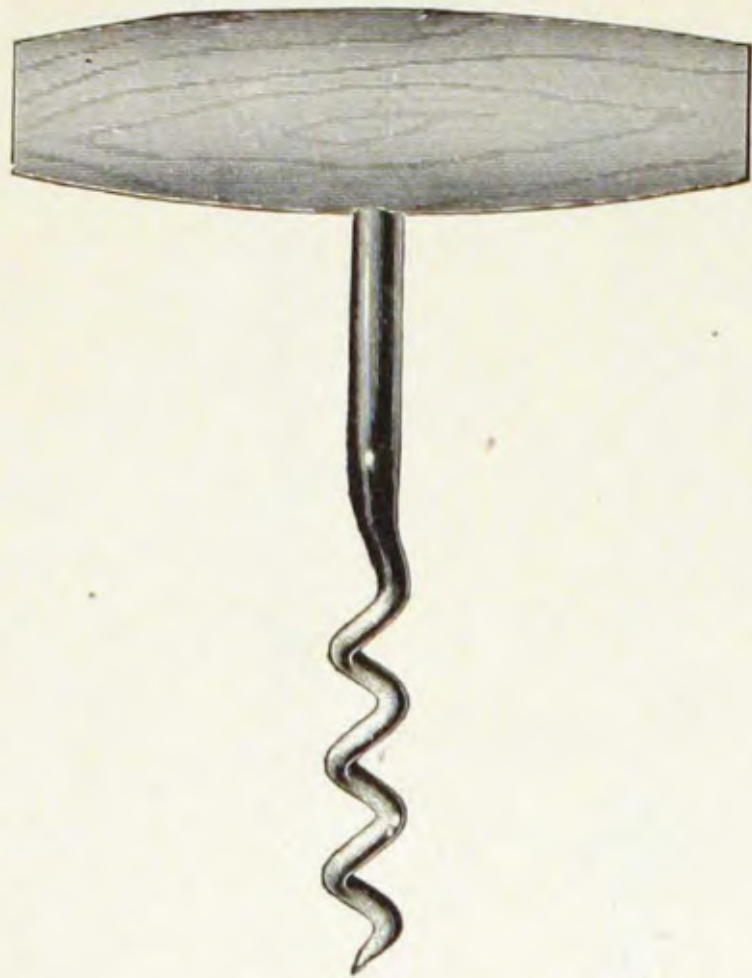


Nos. 103 and 105

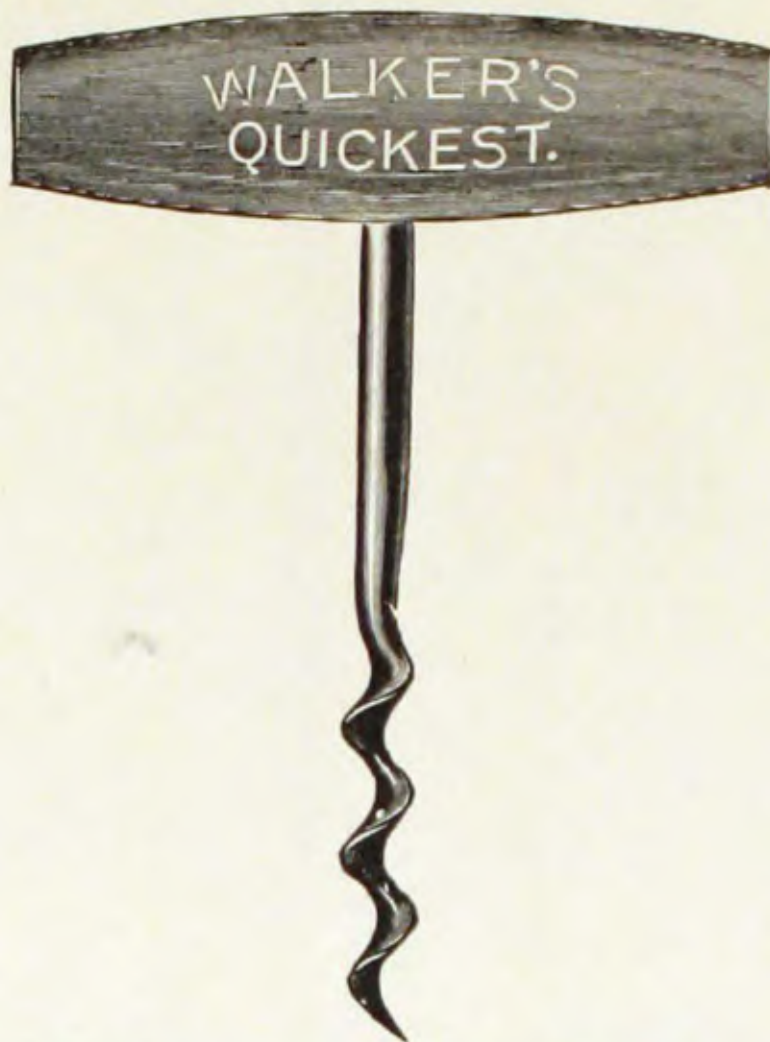


WALKER'S CORKSCREWS AND PULLERS

Extra Fine Temper, Handles Securely Fastened, Each Screw Tested.



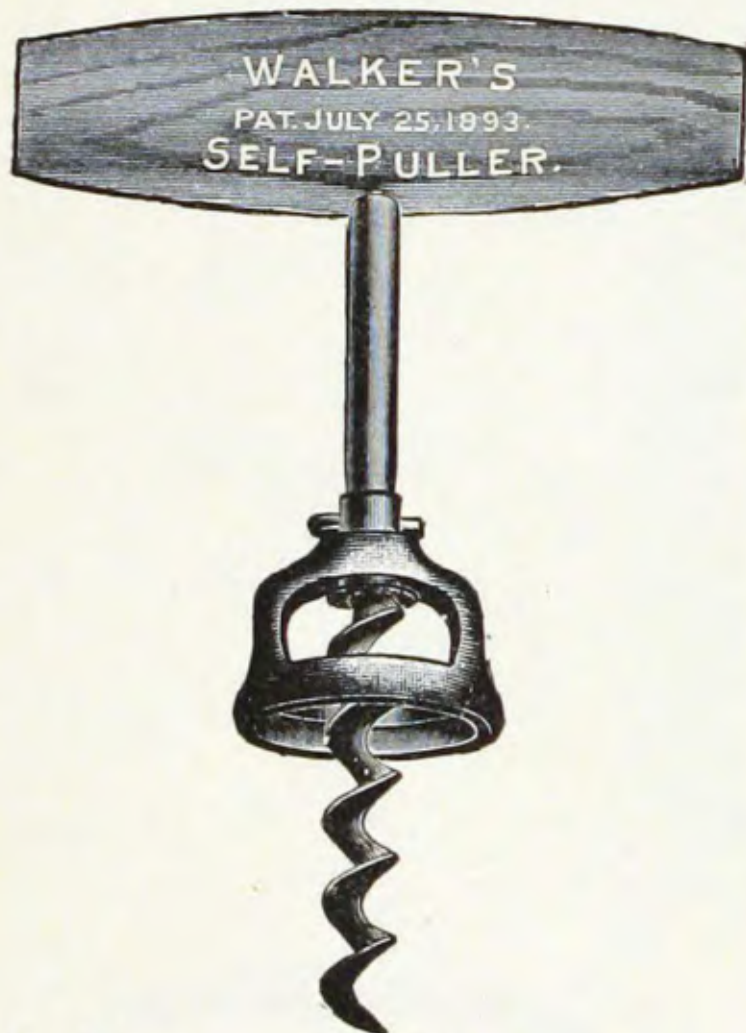
No. 23 per dozen, \$4.00



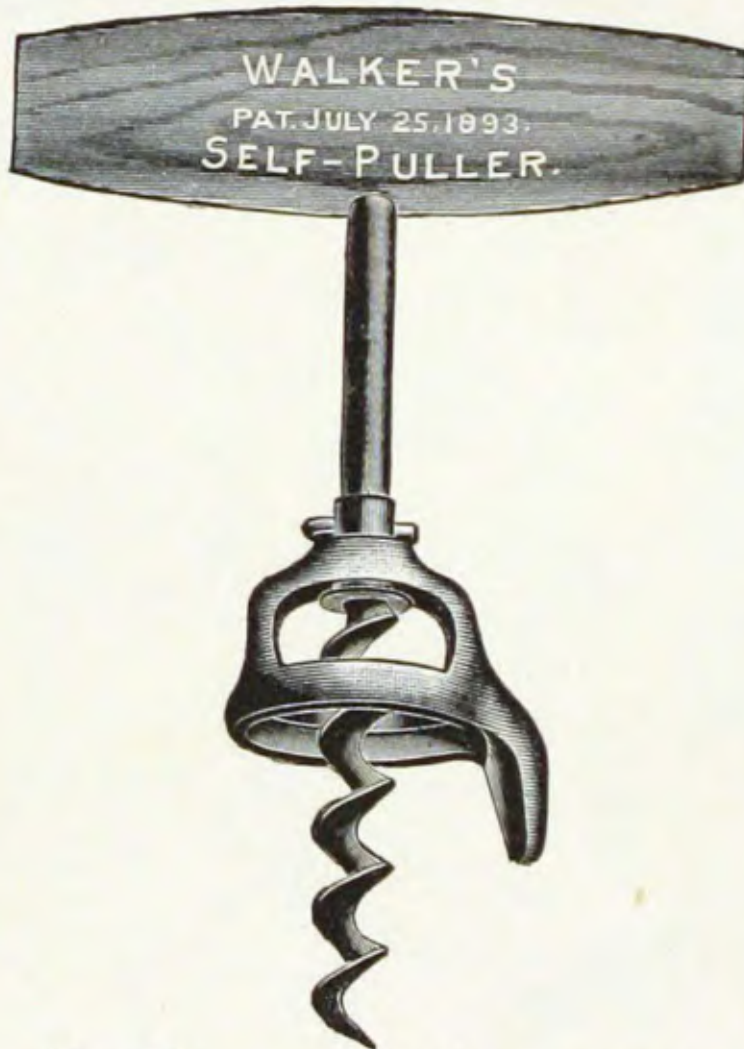
No. 38 per dozen, \$4.00



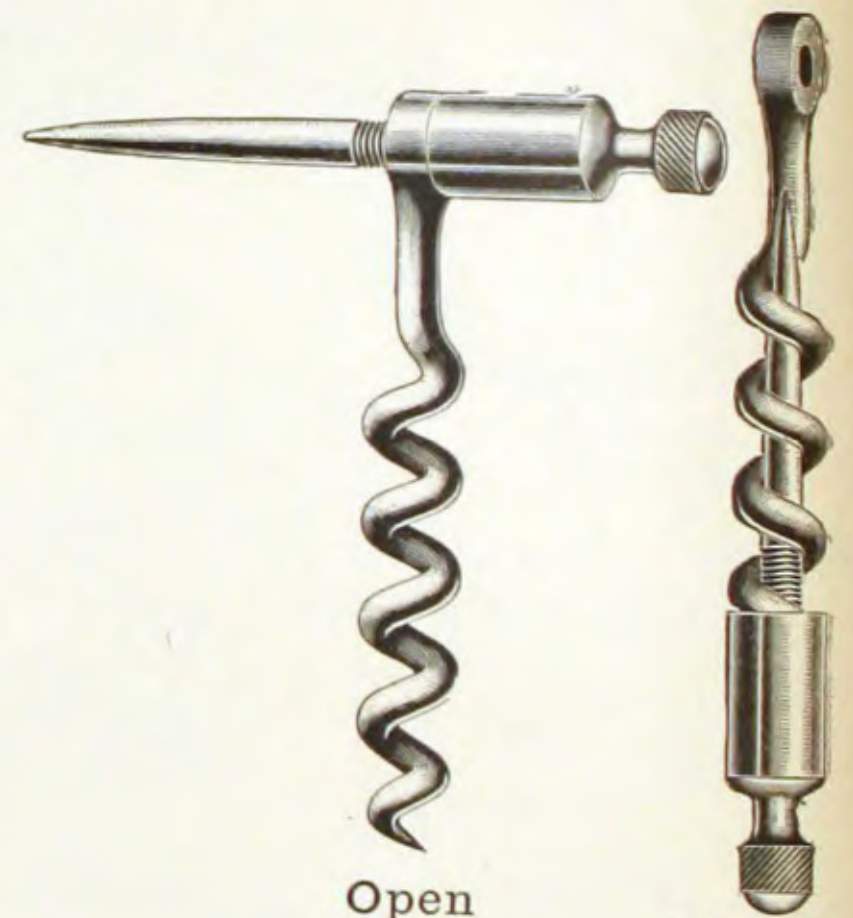
No. 37 per dozen, \$4.00



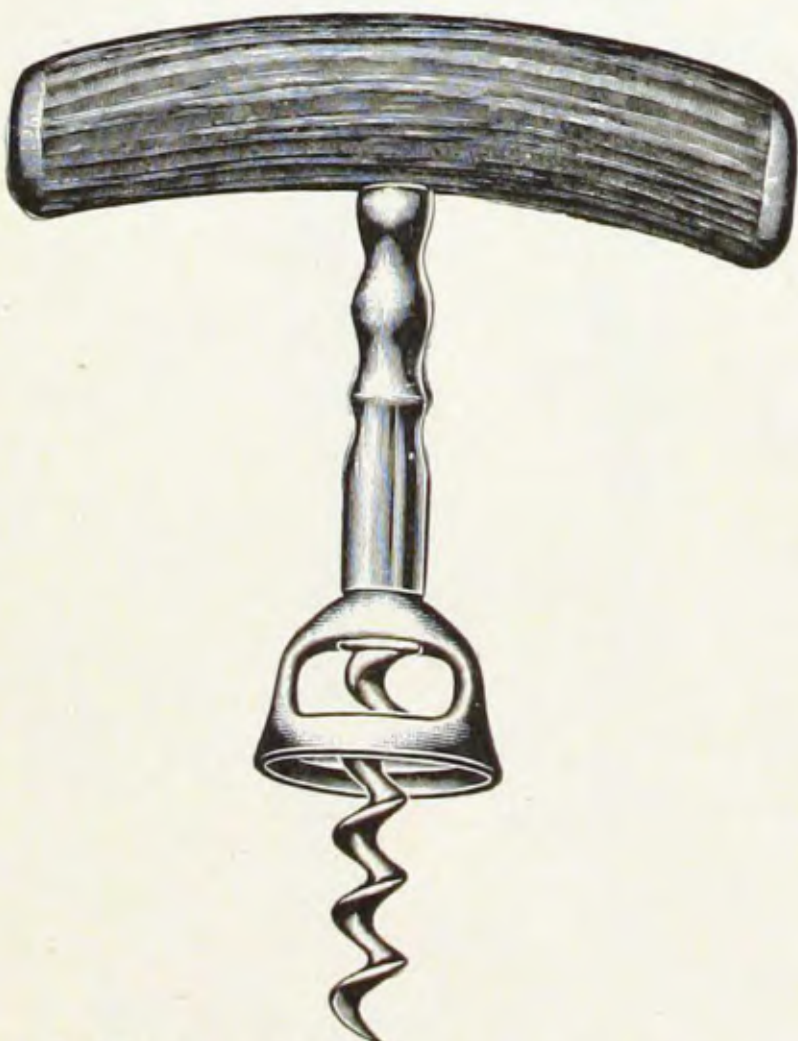
No. 34 per dozen, \$4.50



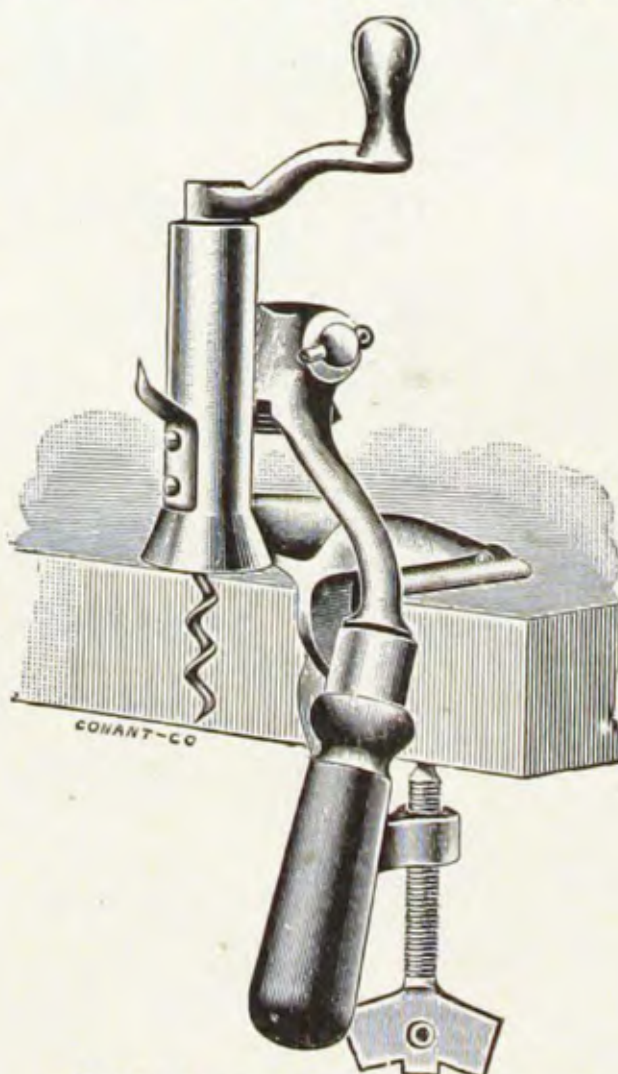
No. 39 per dozen, \$5.00



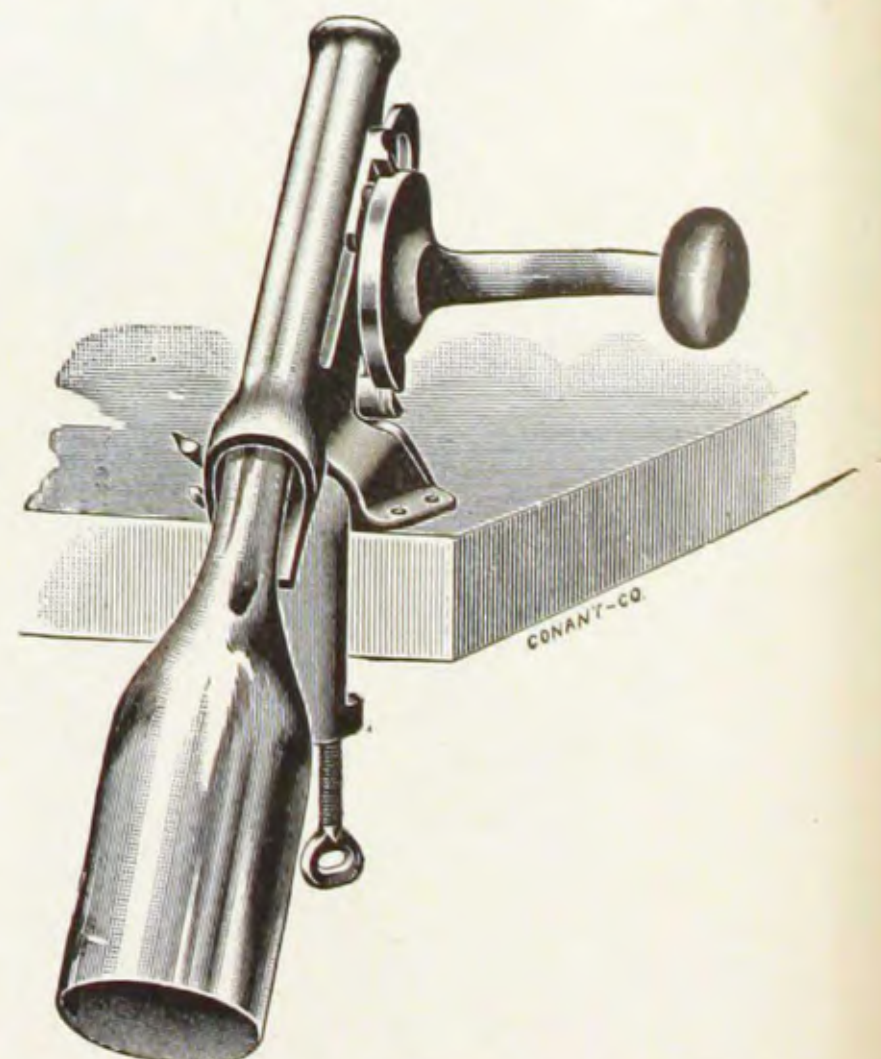
No. 21 POCKET per dozen, \$2.00



No. 340 Stag Handle, per dozen, \$15.00
No. 390 With Wire Cutter, " " 15.75



SAMSON CORK PULLER No. 28 each, \$1.75
All Cork Screws, one dozen in a box.

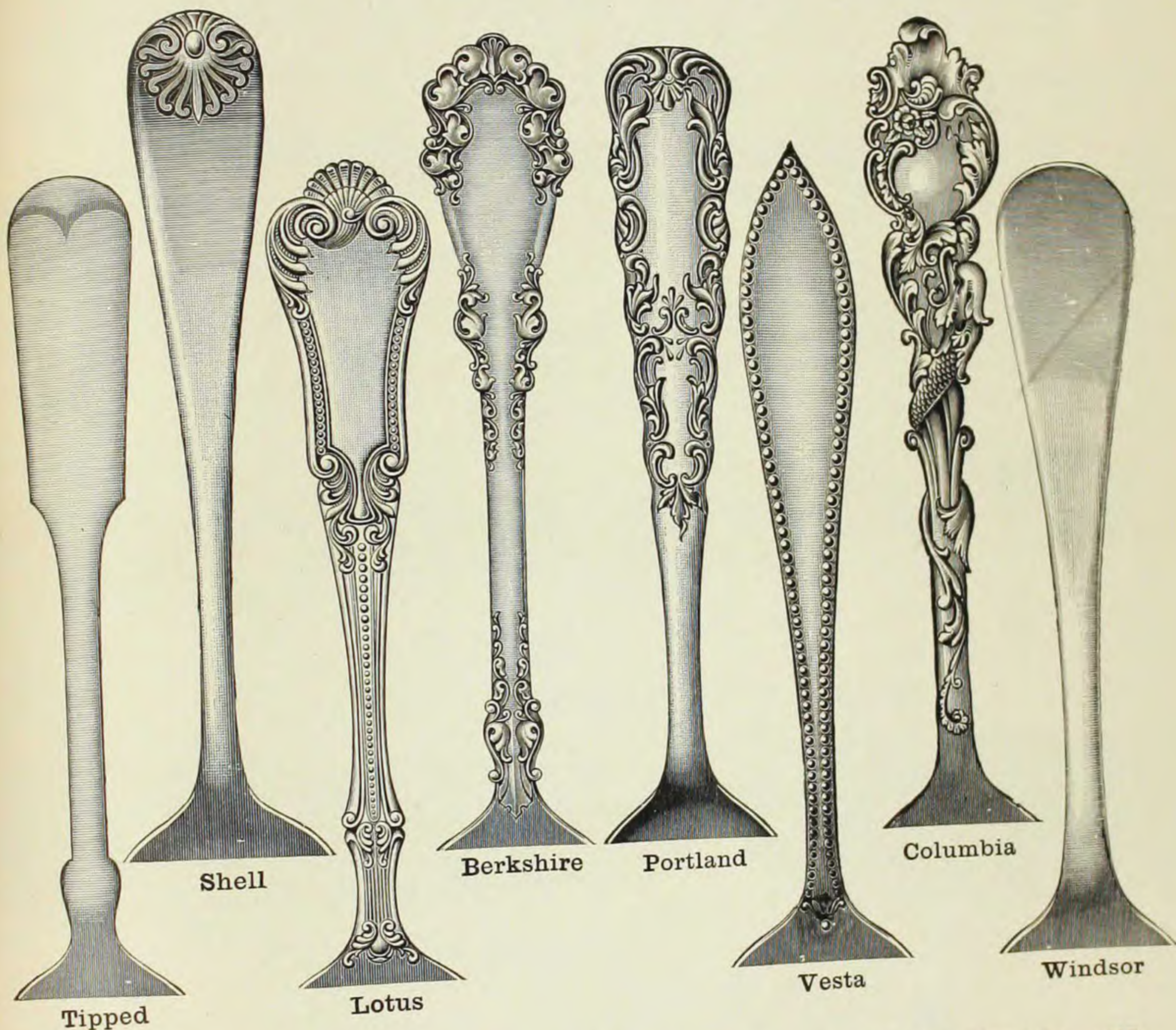


QUICK AND EASY CORK PULLER No. 25 each, \$4.50

SPOONS, FORKS, KNIVES, ETC.

MANUFACTURED BY THE

MERIDEN BRITANNIA COMPANY



TEA SPOONS

Per dozen.			
Patterns.	Extra Plate No. 2.	Sectional Plate No. 2XII.	Triple Plate No. 6.
Tipped, }			
Shell, "	\$4.25	5.00	6.00
Fancy, }	4.75	5.50	6.50

COFFEE SPOONS

Fancy Patterns, Ex. Plate, No. 2, \$4.70

SUGAR SHELLS

Per dozen.		
Tipped,	Ex. Plate, No. 3,	\$8.00
Fancy Patterns, "	" No. 3,	9.00

BERRY SPOONS

Per dozen.		
Fancy Patterns, Ex. Plate, No. 4,		24.00
Extra for Gilt Bowls,		9.00

DESSERT SPOONS AND FORKS

Per dozen.			
Patterns.	Extra Plate No. 3.	Sectional Plate No. 3XII.	Triple Plate No. 9.
Tipped, }			
Shell, "	\$7.50	8.50	10.00
Fancy, }	8.50	9.50	11.00

OYSTER FORKS

Per dozen.	
Fancy Patterns, Ex. Plate, No. 3,	\$6.30

PICKLE FORKS

Per dozen.		
Portland, Ex. Plate No. 3,		\$9.00
Tipped, Long, " No. 3,		9.50
Fancy Twist, " No. 3,		12.00
Long,		

TABLE SPOONS AND MEDIUM FORKS

Per dozen.			
Patterns.	Extra Plate No. 4.	Sectional Plate No. 4XII.	Triple Plate No. 12.
Tipped, }			
Shell, "	\$8.50	10.00	12.00
Fancy, }	9.50	11.00	13.00

BUTTER KNIVES TWIST HANDLE

Per dozen.		
Tipped, Ex. Plate, No. 3,		\$10.00
Fancy Patterns, " No. 3,		10.50

MEDIUM SOUP LADLES

Per dozen.		
Tipped, Ex. Plate, No. 4,		\$45.00
Fancy Patterns, " No. 4,		51.00
Extra for Gilt Bowls,		15.00



1847 ROGERS BROS. FRUIT KNIVES AND NUT PICKS NUT PICKS



Plain or Satin,

No. 26. Plain
per dozen, \$3.50 Arabesque,

per dozen, \$4.00

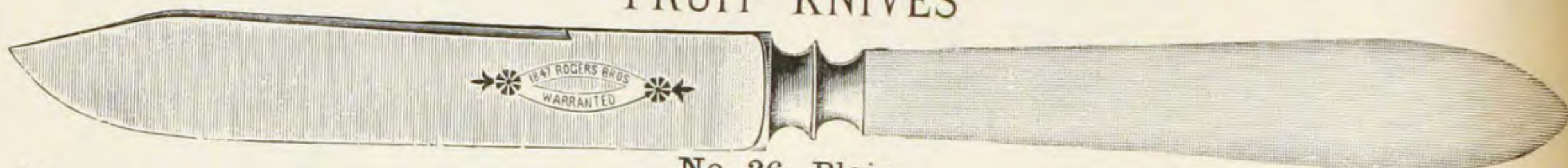


Satin,

No. 37. Arabesque
per dozen, \$2.50 Arabesque,

per dozen, \$3.00

FRUIT KNIVES



Plain,

No. 26 Plain
per dozen, \$4.50 Satin,

per dozen, \$4.50

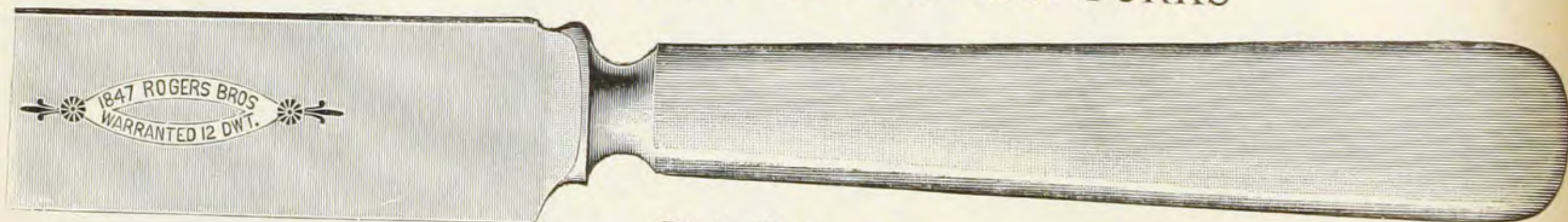


No. 37 Embossed,

No. 37. Embossed
per dozen, \$9.00

No. 38 Folding Pocket Knife and Nut Pick Com-
bined, Embossed Handle, per dozen, \$10.00

NO. 12. PLATED KNIVES AND FORKS



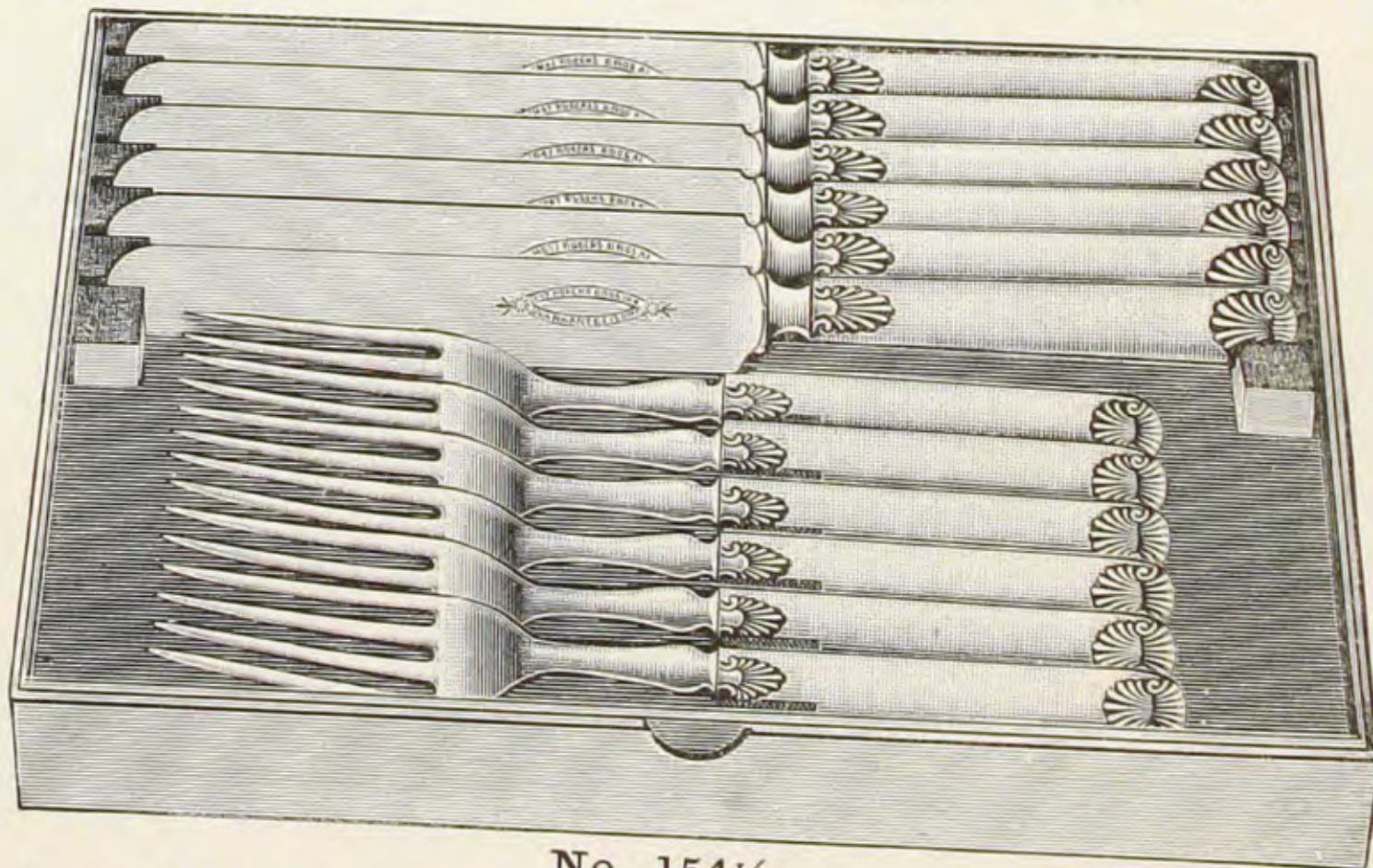
Dessert Knives, Solid Steel,
Medium " " "

Plain Pattern

per dozen, \$6.25
" " 6.50

Dessert Forks, Nickel Silver,
Medium, " " "

per dozen, \$6.25
" " 6.50

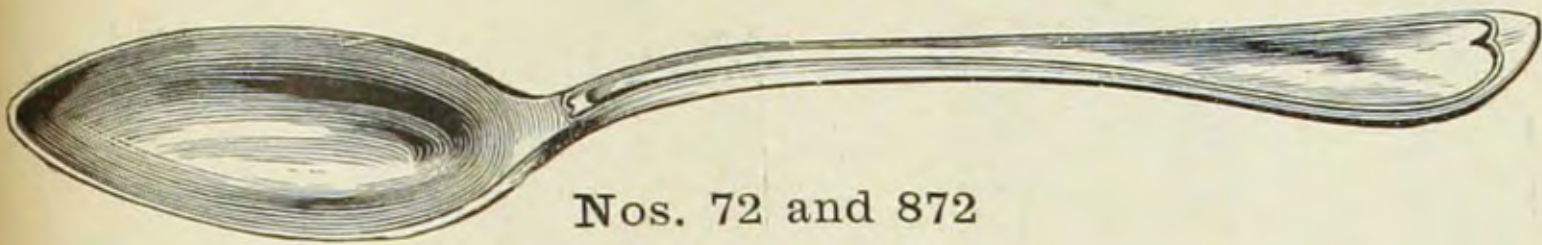


No. 154½

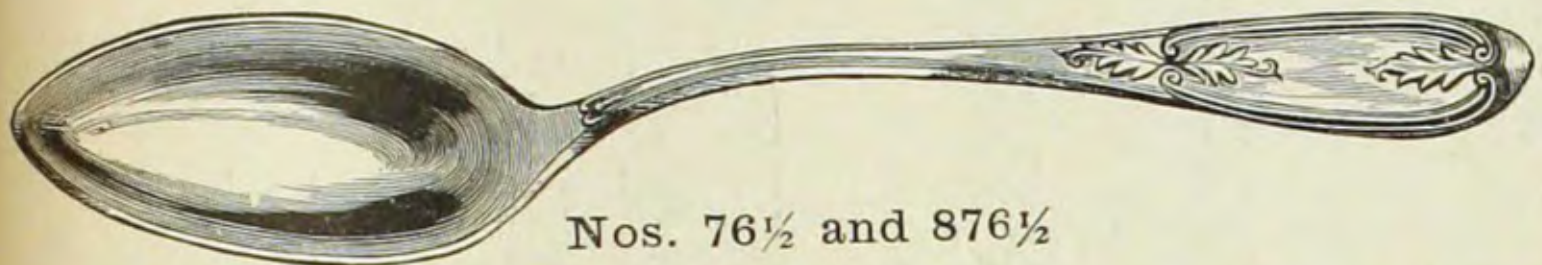
Set No. 154½ Six Medium Knives and Six Medium Forks in Lined Paper Box.
Plain or Satin Handles, per set, \$6.50 Shell Pattern Handles,
In ordering, specify style of handles wanted. per set, \$6.75



BRITANNIA METAL SPOONS



Nos. 72 and 872



Nos. 76½ and 876½



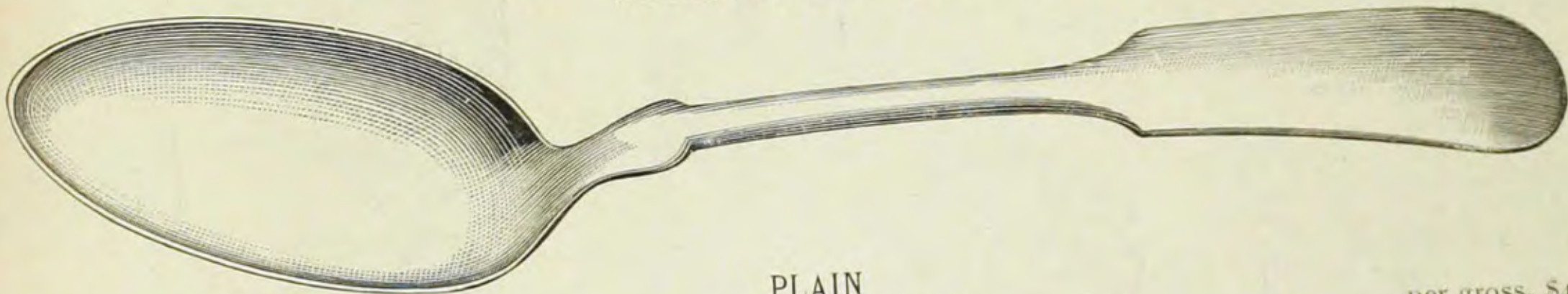
Nos. 75½ to 878

No.		Per gross.
45	Tea Spoons, Tipped Pattern,	\$10.50
50	" " " "	11.50
90	Table " " " "	19.00
100	" " " "	20.50
72	Tea " Oval Threaded "	12.00
872	Table " " " "	21.00
76½	Tea " Olive " "	12.00
876½	Table " " " "	22.00
75½	Tea " Brunswick " "	12.00
78	" " " " "	13.00
875½	Table " " " "	22.00
878	" " " " "	24.00
212	Tea " Grecian " "	12.00
424	Table " " " "	23.00

Teas, half gross in a box; Tables, quarter gross.

GERMAN SILVER SPOONS AND FORKS

(HALL, ELTON & CO.'S)

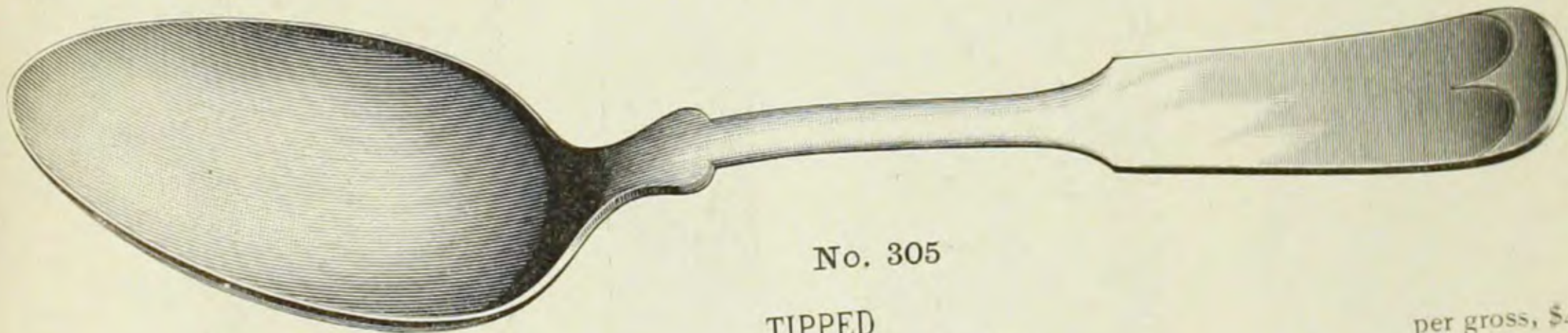


PLAIN

per gross, \$21.00 Table Spoons,
" " 33.00 Medium Forks,

per gross, \$42.00
" " 42.00

Tea Spoons,
Dessert "



No. 305

TIPPED

per gross, \$22.50 Table Spoons,
" " 36.00 Medium Forks,

per gross, \$45.00
" " 45.00

Tea Spoons,
Dessert "

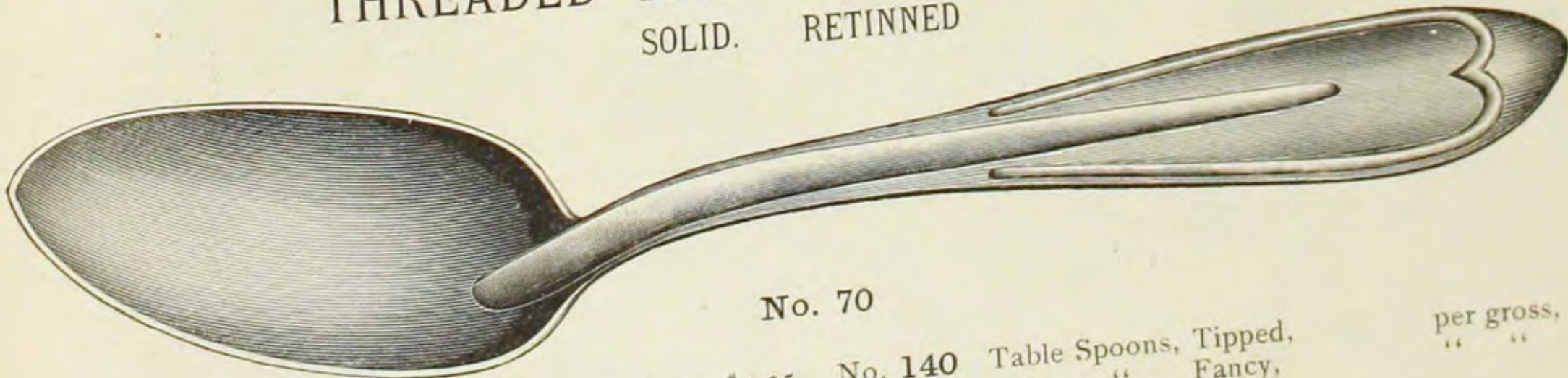
NO. 24. NICKEL SILVER SPOONS

per gross, \$25.00

per gross, \$12.50 Tipped Table,
Two dozen in a box. Three small boxes in a larger one.

Tipped Tea,

THREADED TEA AND TABLE SPOONS
SOLID. RETINNED



No. 70

per gross, \$3.25 No. 140
" " 4.00 No. 40
Half gross in a box.

Table Spoons, Tipped,
" " Fancy,

per gross, \$5.50
" " 7.00

No. 70 Tea Spoons, Tipped,
No. 305 " " Fancy,



THERMOMETERS



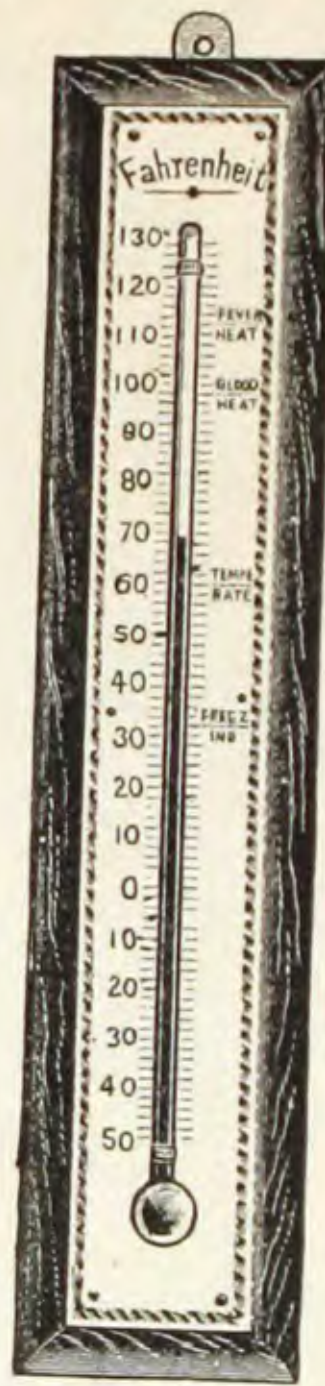
No. 1



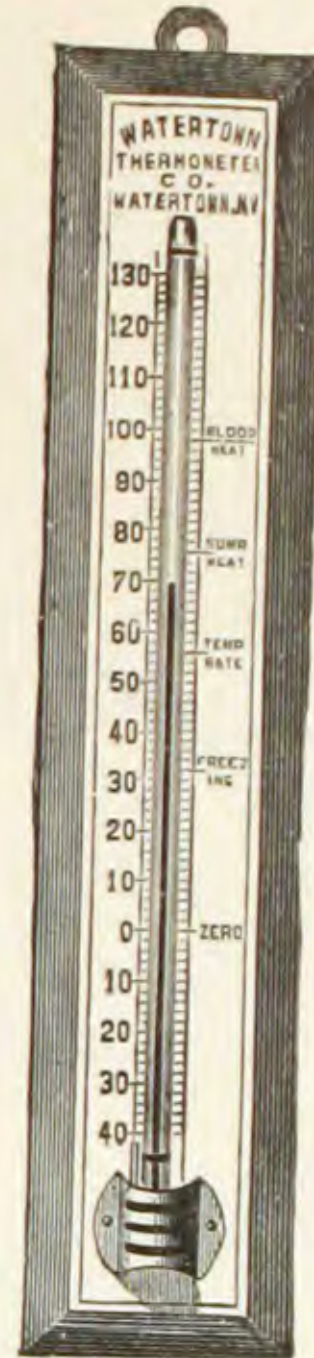
No. 4



No. 5



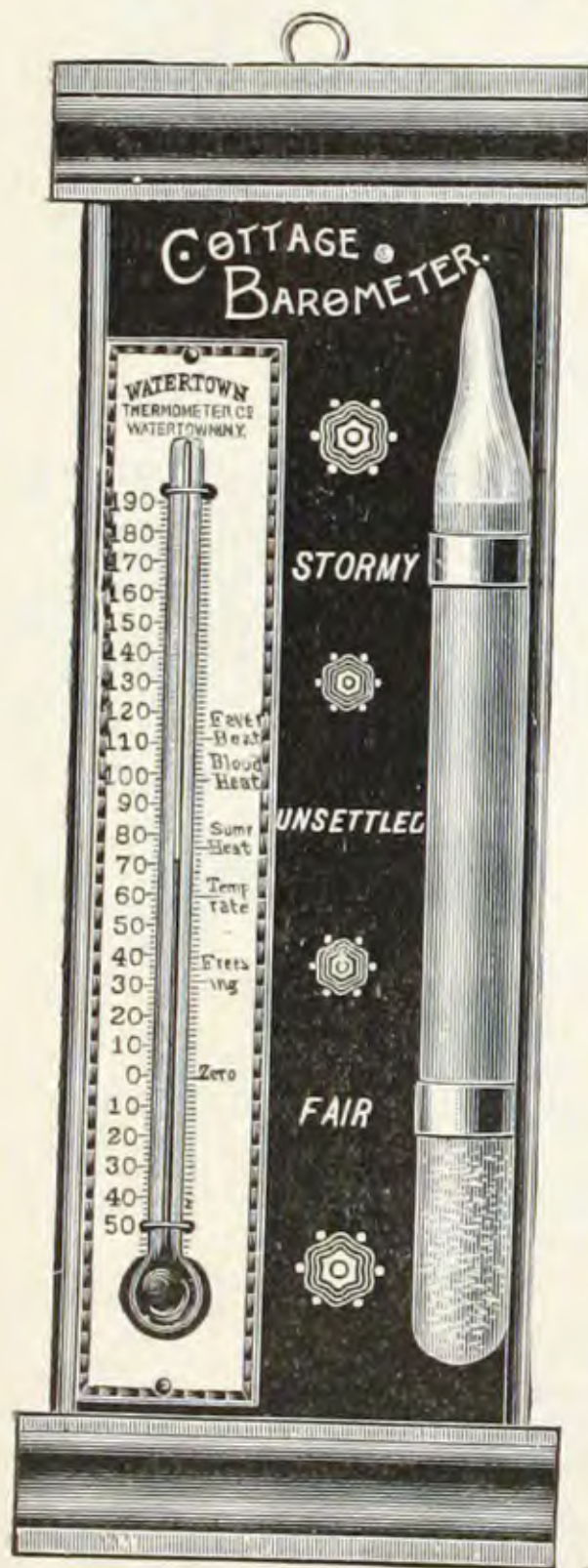
No. 6



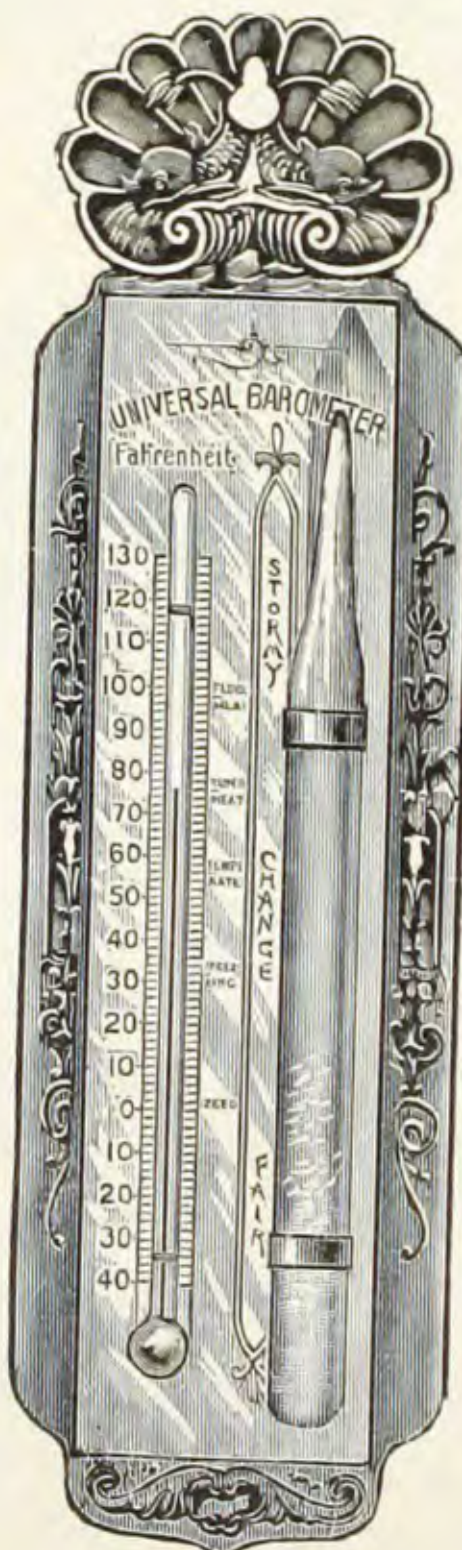
No. 7



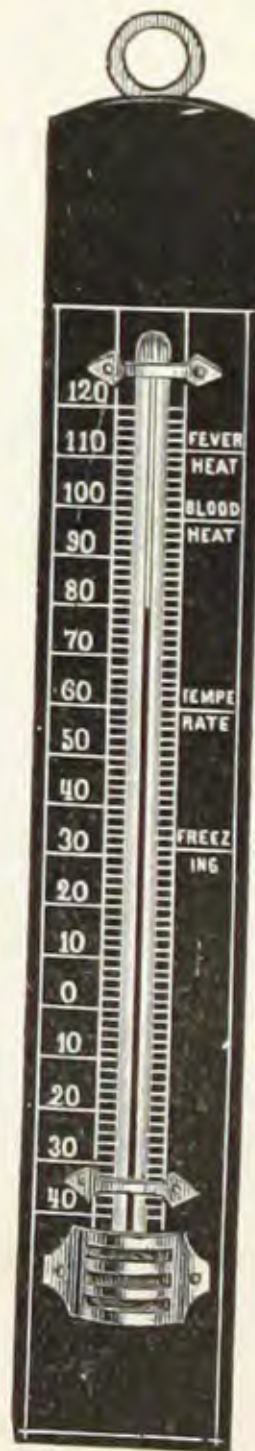
No. 8 1/2



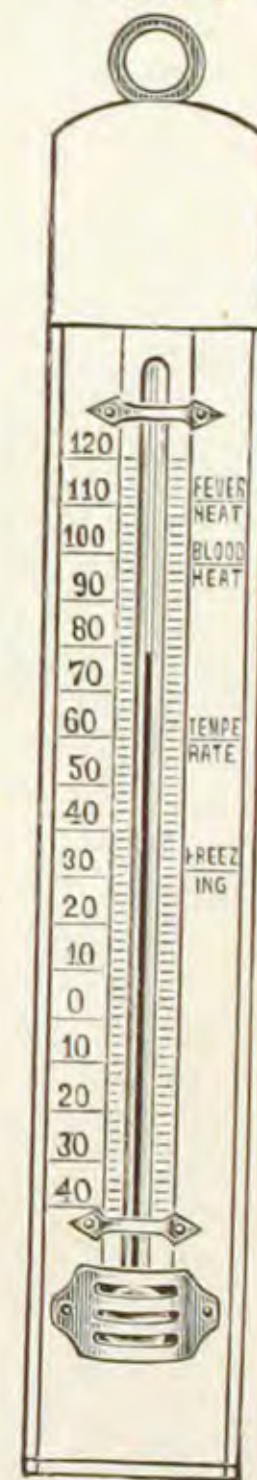
No. 10



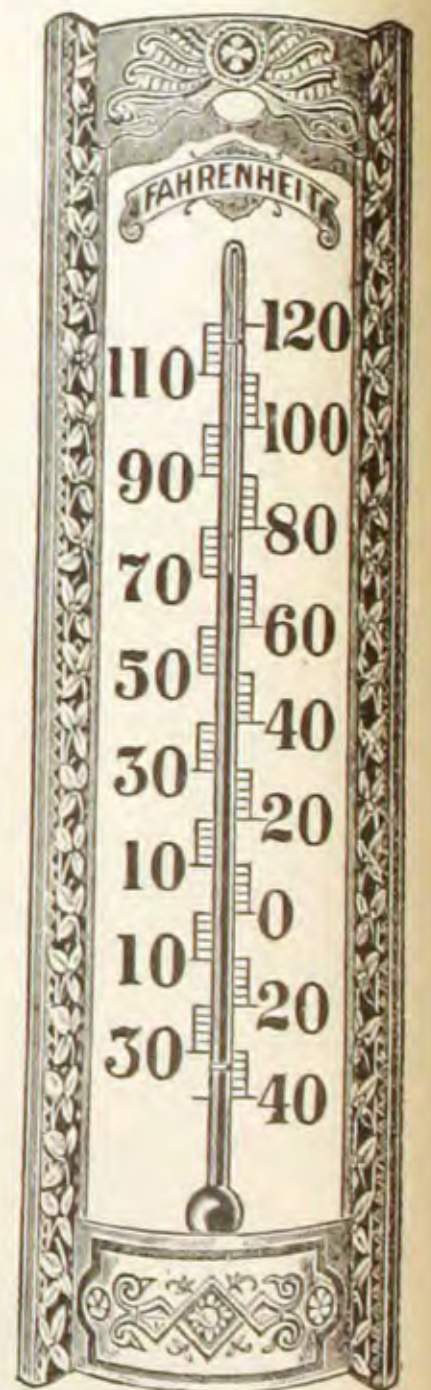
No. 11



No. 12



No. 13



No. 16 and 17

Size, inches,
No.

- 1 Tin Case, Japanned,
2 " " " Ruby Tube,
3 " " Dairy Bright,
4 Flange, " "
5 Glass, Dairy, per dozen, \$7.00
6 Walnut Case,
7 Wood " with Guard,

	7	8	10	12
	Per dozen.			
1	\$5.00	5.50	6.50	8.00
2	5.00	5.50	6.50	8.00
3	5.00	6.00	7.00	
4	6.00	7.00	8.00	
5		6.50	8.50	
6	13.50	16.00	20.00	

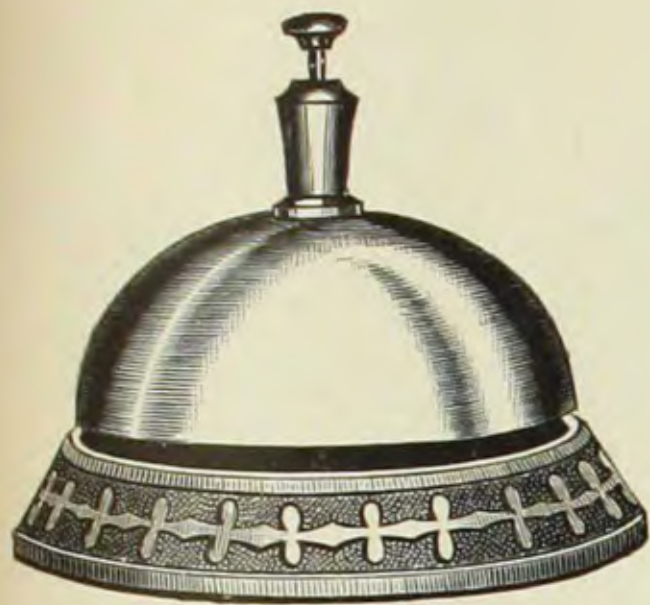
No.		Per dozen.
8 1/2	8 in., Carved Oak Back,	\$27.00
10	Cottage Barometer and Thermometer,	4.00
11	Decorative " " "	4.00
12	8 in., Cabinet, Black Enam'd Scale, White Figures,	3.50
13	8 " " White " " Black " "	3.50
16	8 " Enam'd Scale, Distance Reading,	4.00
17	10 " " " " "	5.00



PLATED CALL BELLS

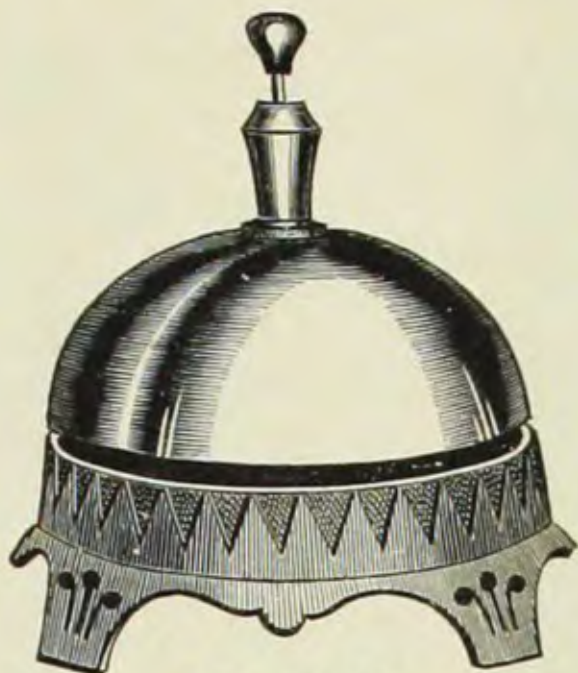
ILLUSTRATIONS, HALF-SIZE

963



No. 9200

Nickel-plated, Bronze
Base, per dozen, \$7.50



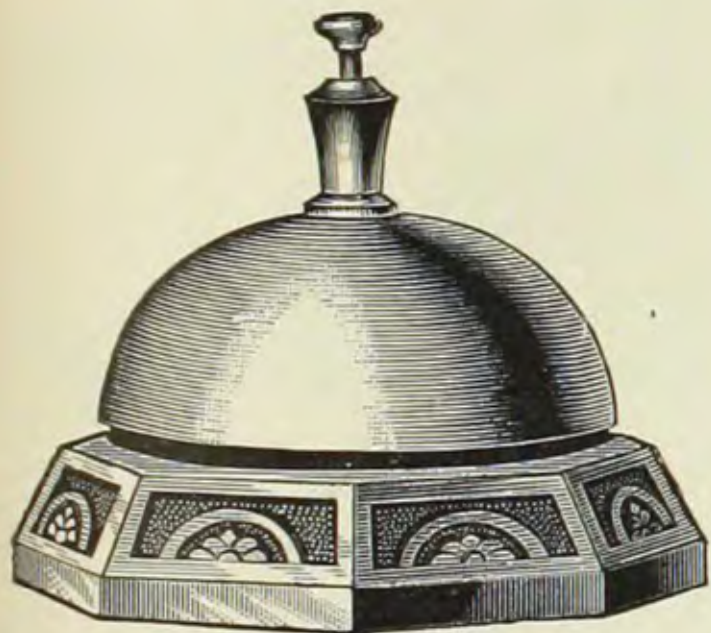
No. 9300

Nickel-plated, Bronze
Base, per dozen, \$8.00



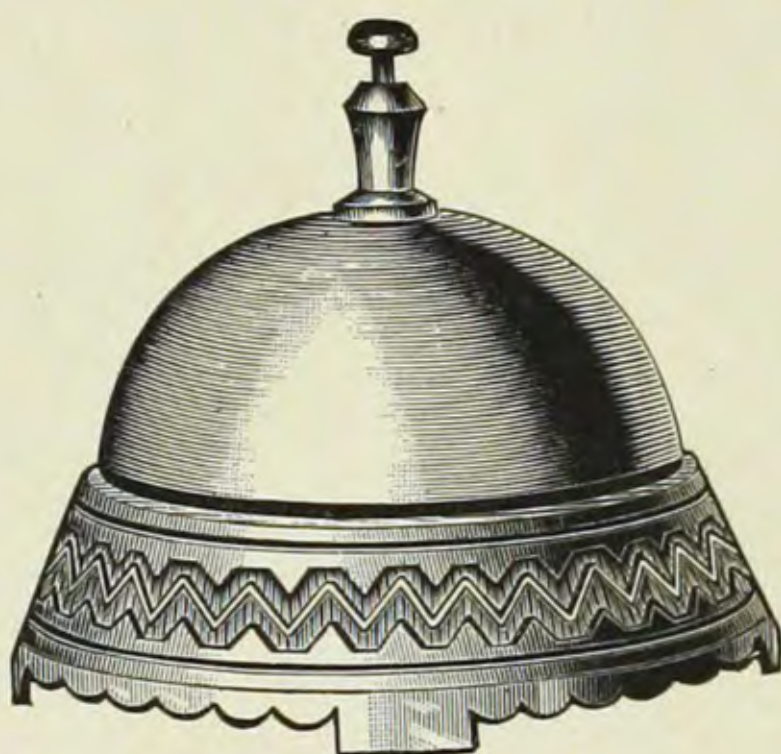
No. 9403

Silver-plated, Gold-
plated Base, per doz., \$11.00
No. 9429 Electric Ring,
Silver-plated, Gold-
plated Base, per doz., 17.00



No. 9410

Nickel-plated, Bronze
Base, per dozen, \$8.00

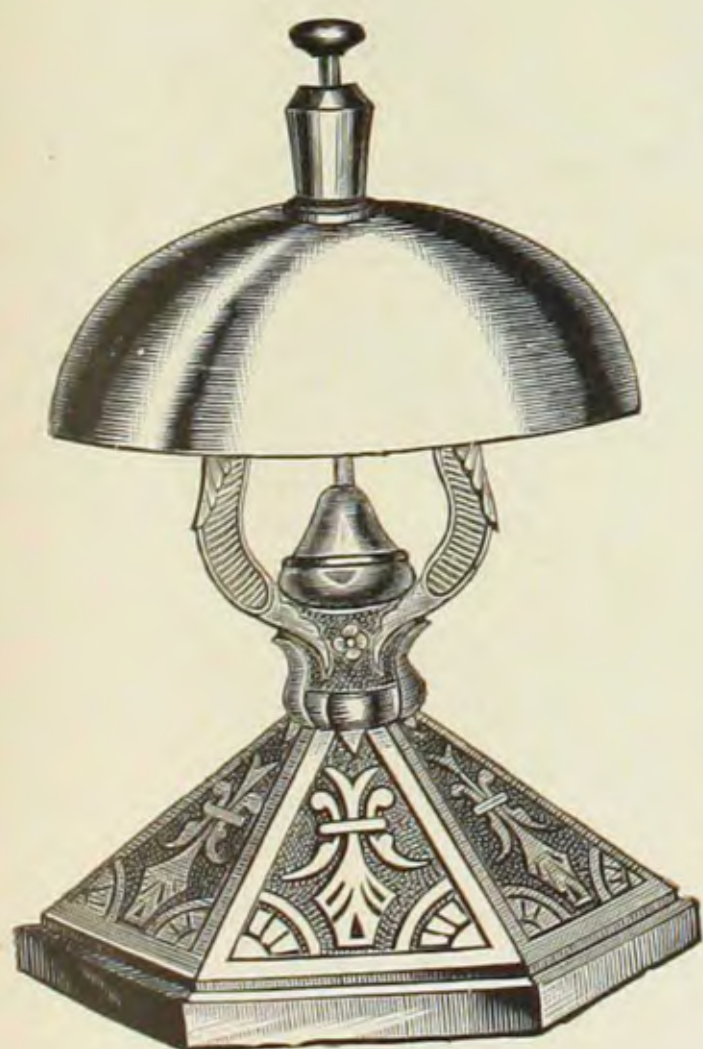


No. 9412

Silver-plated, Gold-
plated Base, per doz., \$15.50

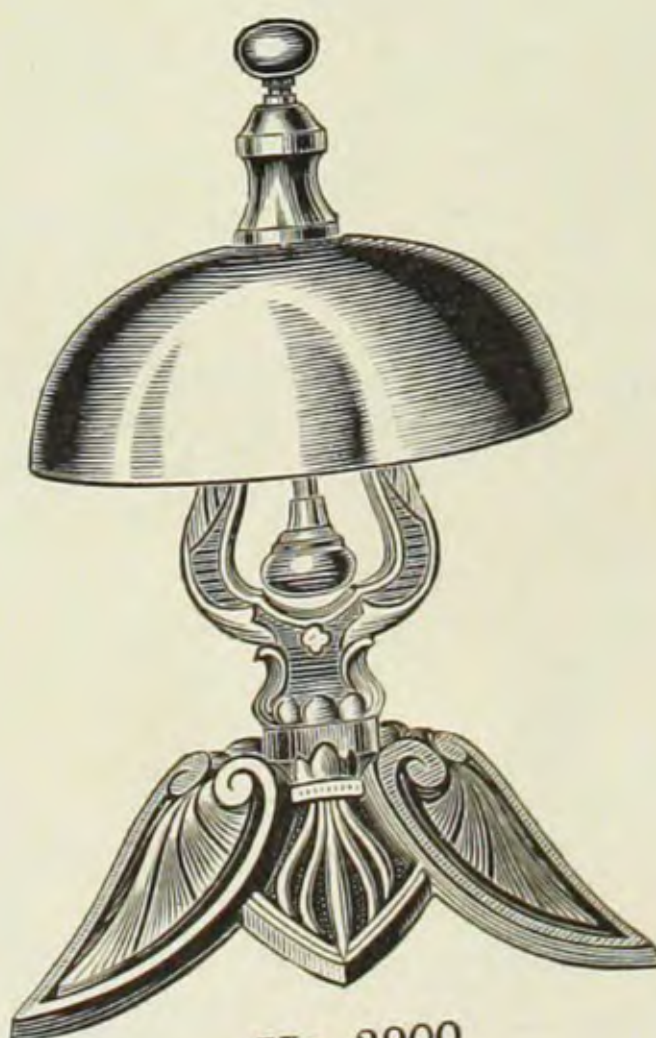


No. 9413. Electric Ring
Silver-plated, Black Base,
per dozen, \$15.00
All Silver-plated,
per dozen, 16.50



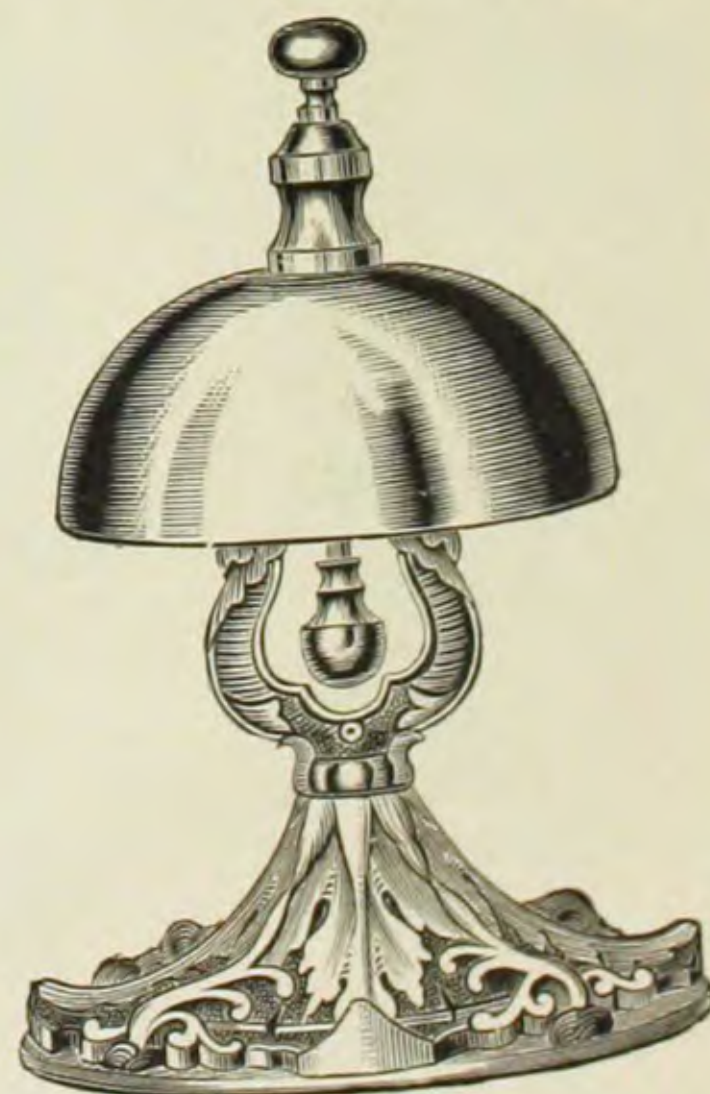
No. 9402

Silver-plated, Gold-
plated Base, per doz., \$12.00



No. 2900

Nickel-plated, Bronze
Base, per dozen, \$12.00
One in a box; half dozen in a package.

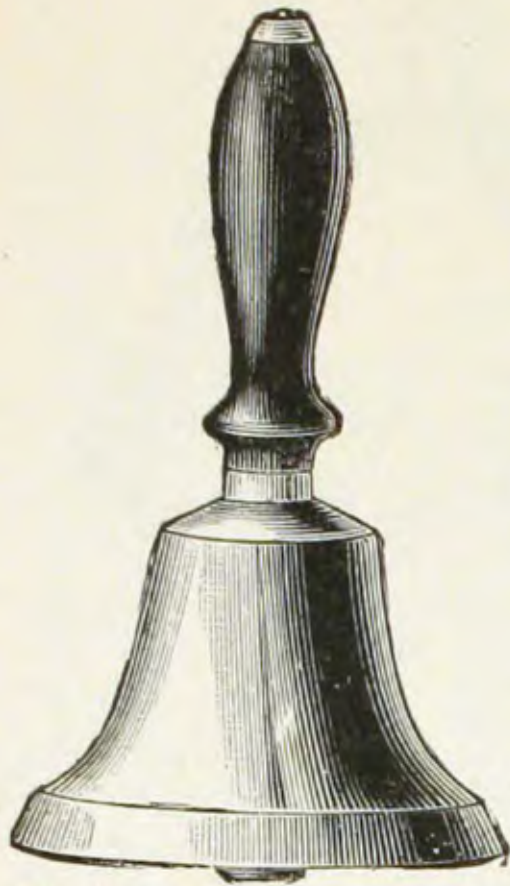


No. 2700

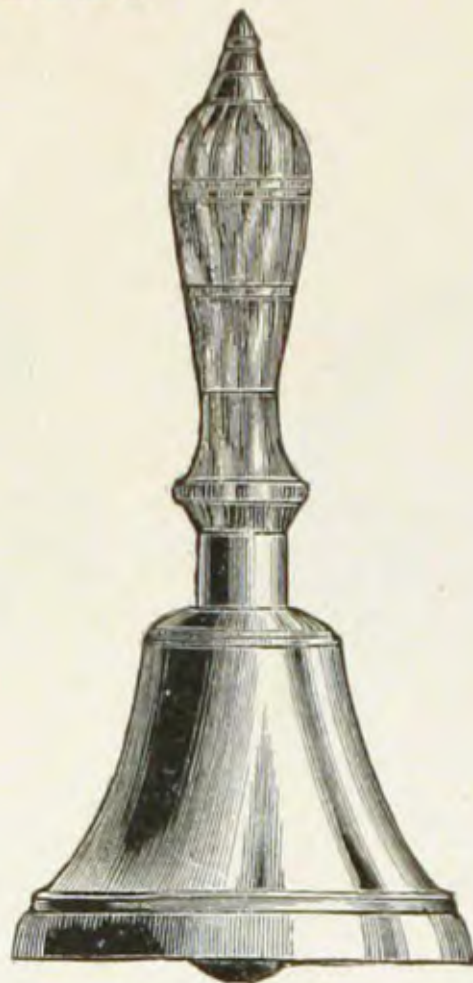
Nickel-plated, Bronze
Base, per dozen, \$13.50



HAND BELLS



Polished Hand Bell



Swiss Hand Bell

POLISHED HAND BELLS

Nos.	0	1	2	3	4	5	6
Per dozen,	\$2.00	2 62	3.50	4.50	6.50	8.50	11.25
Nos.		7	8	9	10	12	14
Per dozen,		\$13.75	18.50	24.00	30.00	36.00	48.00

SWISS HAND BELLS

PURE BELL METAL SILVER WHITE FINISH
EXTRA HEAVY

Nos.	2	4	6	8	10	12
Diameter, inches,	2 1/2	3 1/8	3 3/4	4 3/4	5 5/8	6 7/8
Per dozen,	\$6.00	9.00	13.50	22.50	38.25	57.75

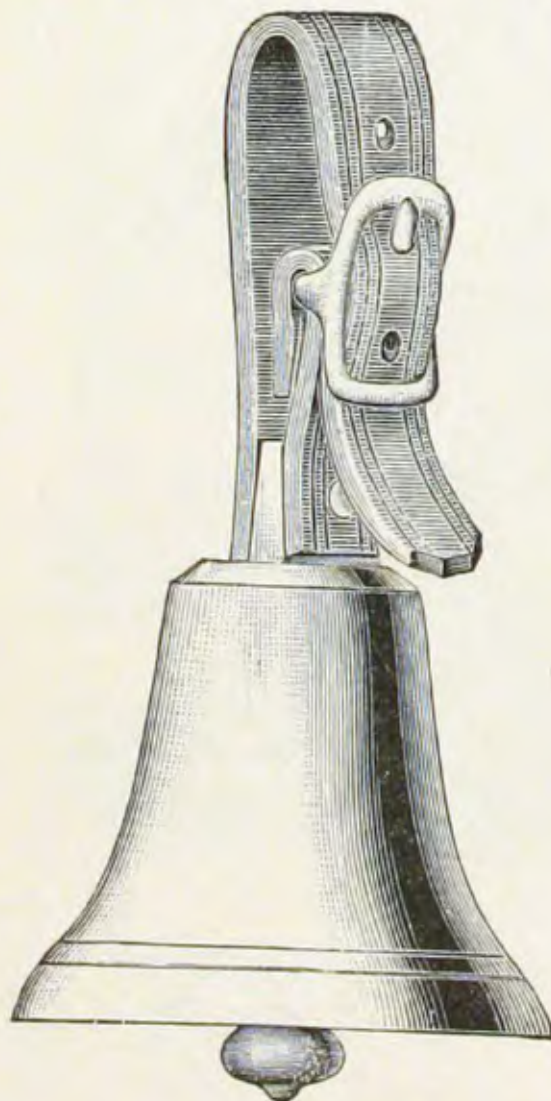
MILKMEN'S BELLS

No. 7 Extra Heavy,	per dozen, \$15.00
No. 8 " " "	" " 18.00

AUCTIONEER'S BELLS

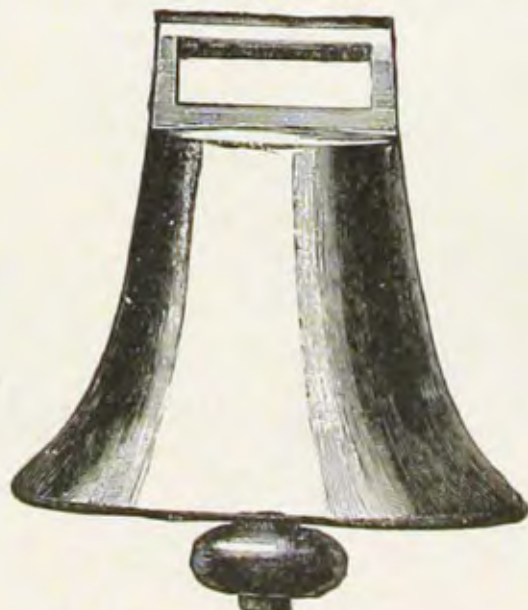
No. 10 Extra Heavy,	per dozen, \$27.00
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LEATHER LOOP TEAM BELLS



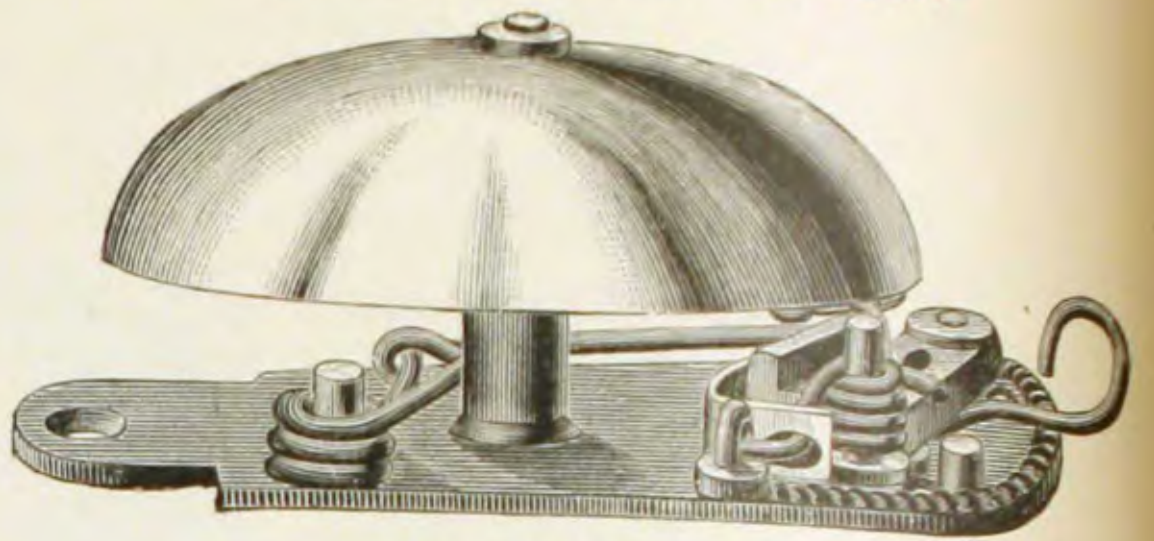
PURE METAL

3 1/4 inches, per pound,	\$0.48
3 1/2 " " "	.48

LOOP SHANK
HORSE CAR
BELLS

3 inches,	per pound, \$0.48
3 1/4 " "	" " .48

GONG HOUSE BELLS



BRONZED STEEL

Size, inches,	3	4	5	6	7	8	10
Per dozen,	\$4.00	5.00	7.00	10.00	14.00	20.00	35.00

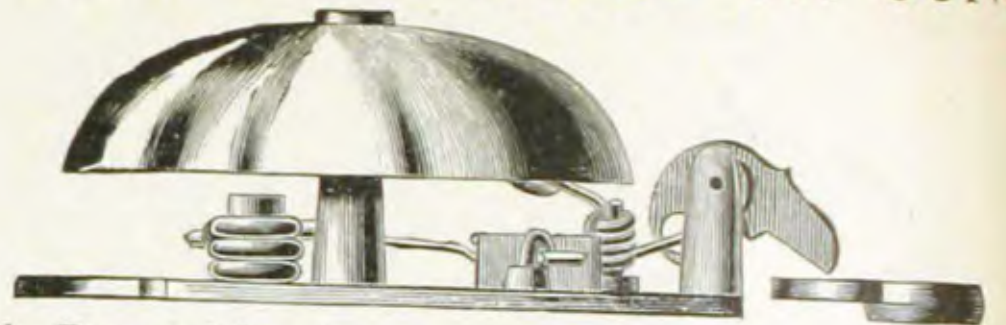
POLISHED BELL METAL

Size, inches,	3	4	5	6	7	8	10	12
Per dozen,	\$8.00	10.00	14.00	20.00	28.00	40.00	64.00	120.00

SILVER WHITE

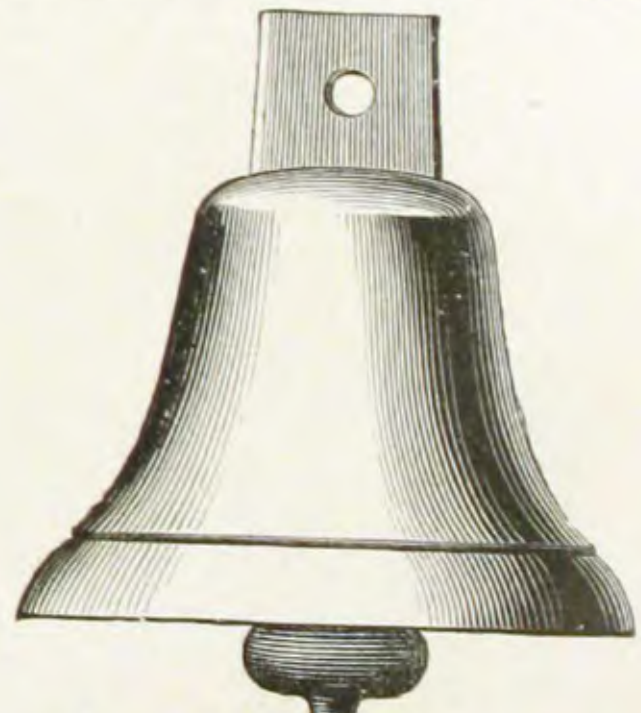
Size, inches,	3	4	5	6	7	8	10
Per dozen,	\$9.00	11.00	15.40	22.00	31.00	44.00	72.00
One in a box.							

ALARM DOOR BELLS OR GONGS



4 inch, Bronzed Steel,	per dozen, \$6.00
4 " Polished Bell Metal,	" " 11.00
4 " Silver White,	" " 12.00
One in a box.	

COMMON HOUSE BELLS



Nos.	1	2	3	4	5	6	7	8
Size, inches,	2 1/8	2 3/8	2 5/8	2 7/8	3 1/4	3 1/2	3 3/4	4
Rough,								
Outside Polished,								
								per pound, \$0.40
								" " .44

One dozen in a package.

CAST SHEEP BELLS

NOT STRAPPED

No. 1	per dozen, \$2.00
No. 2	" " 2.50
No. 3	" " 3.00

STRAPPED

No. 1	per dozen, \$3.00
No. 2	" " 3.50
No. 3	" " 4.00



TEXAS COW BELLS



Nos.	00	0	1	2	3
Height (not including Loop),	7 1/8 in.	6 5/8	6 1/8	5 3/4	5 1/8
Per dozen,	\$12.00	8.50	7.25	6.00	5.25
Nos.	4	5	6	7	8
Height (not including Loop),	4 1/2 in.	4 1/8	3 1/2	2 7/8	2 1/4
Per dozen,	\$4.00	3.25	2.50	2.00	1.80

KENTUCKY COW BELLS

965



Nos.	0	1	2	3
Height (not including Loop),	6 1/2 in.	6	5	4 3/4
Per dozen,	\$12.00	10.00	8.00	6.00
Nos.	4	5	6	7
Height (not including Loop),	4 in.	3 1/4	2 3/4	2 3/8
Per dozen,	\$5.00	4.00	3.00	2.50

POLISHING PASTE OR PUTZ-POMADE



Tin Boxes, 1 ounce,
" " 2 "

per gross, \$5.00
" " 10.00

One ounce, two dozen in a package; two ounces, one dozen.

TIN CANS

Pound,	1/4	1/2	1	3	5
Per pound,	\$0.55	.50	.50	.50	.50

LIQUID POLISH



PUTZEN LIQUID (RED)

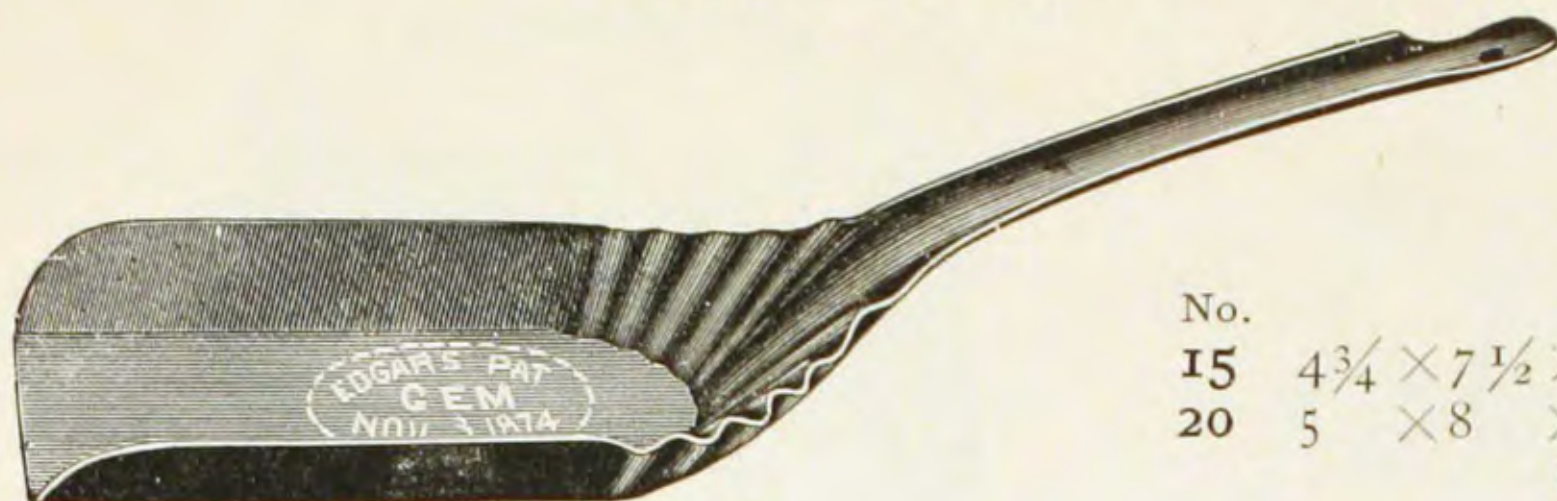
No. 1	1/2 Pints,	per dozen, \$3.00
No. 2	Quarts,	" " 9.00
No. 3	1/2 Gallons,	" " 15.00
No. 4	Gallons,	" " 30.00

SUNSHINE POLISH (WHITE)

No. 1	1/2 Pints,	per dozen, \$3.00
No. 2	Quarts,	" " 9.00
No. 3	1/2 Gallons,	" " 15.00
No. 4	Gallons,	" " 30.00
No. 1, three dozen in a case; Nos. 2 and 3, one dozen; No. 4, half dozen.		



STEEL STOVE SHOVELS



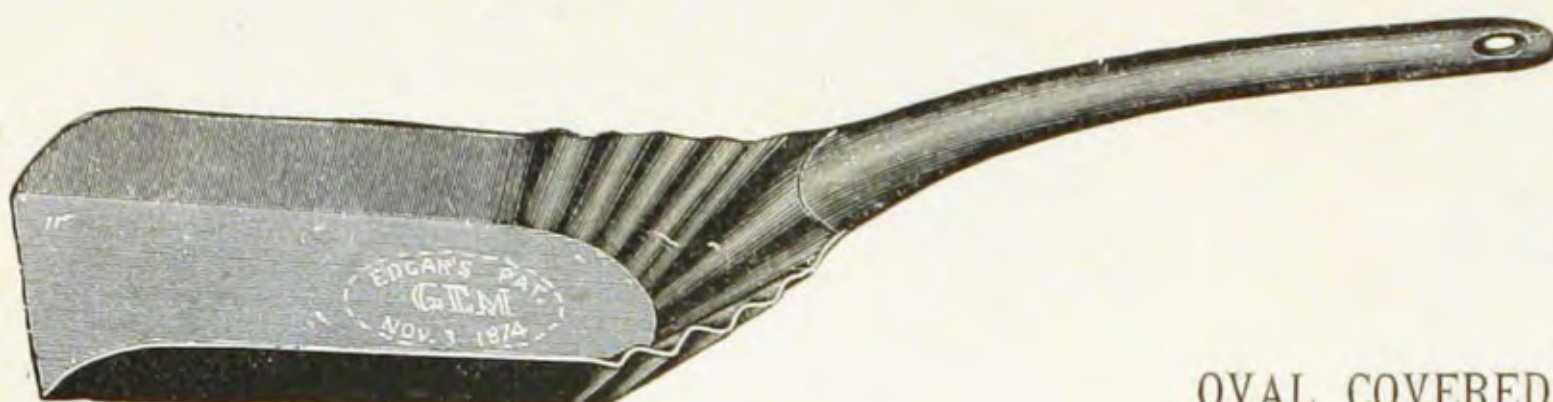
Nos. 15 and 20

GEM
JAPANNED

SHORT HANDLES, EXTRA STRONG

No.		Per gross.
15	$4\frac{3}{4} \times 7\frac{1}{2} \times 16$ in., No. 18 Steel,	\$6.36
20	$5 \times 8 \times 17$ " No. 18 "	7.80

One dozen in a package.



Nos. 75, 30, and 35

OVAL COVERED SHORT HANDLES

No.		Per gross.
75	$4\frac{3}{4} \times 7\frac{1}{2} \times 16$ inches, No. 19 Steel,	\$7.40
130	Same as No. 75, but Tinned Handles,	8.00

OVAL COVERED SHORT HANDLES, EXTRA STRONG

No.		Per gross.
30	$4\frac{3}{4} \times 7\frac{1}{2} \times 16$ inches, No. 18 Steel,	\$7.20
35	$5 \times 8 \times 17$ " No. 18 "	9.60

Half dozen in a package.

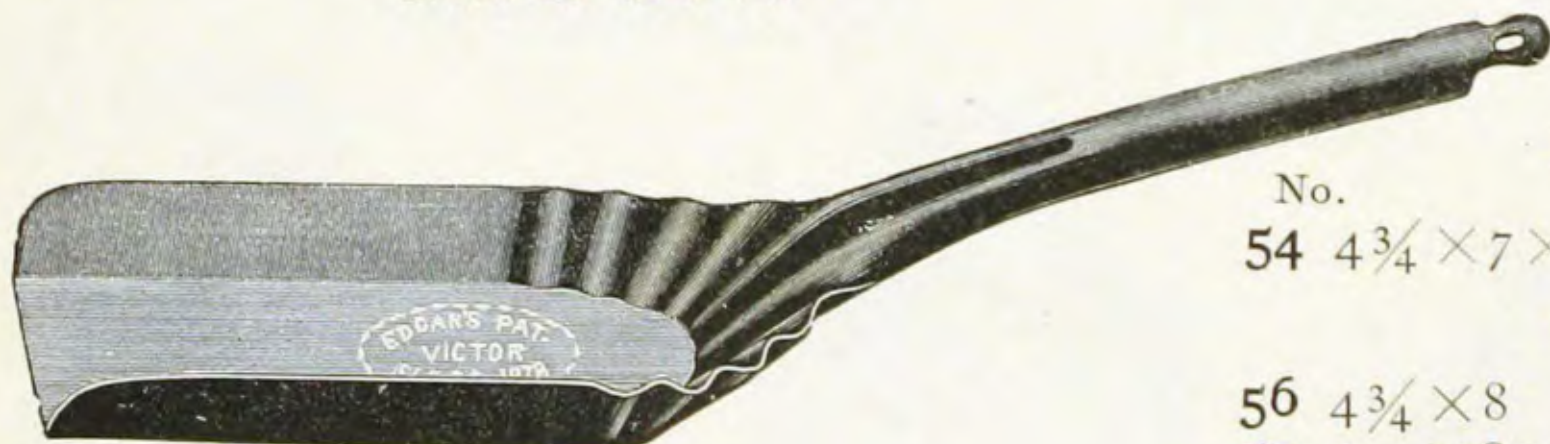


Nos. 25 and 40

LONG HANDLES, EXTRA STRONG

No.		Per gross.
25	$5 \times 8 \times 23$ in., No. 19 Steel,	\$10.60
40	$5 \times 8 \times 23$ " No. 18 Steel,	10.80

Half dozen in a package.



No. 54

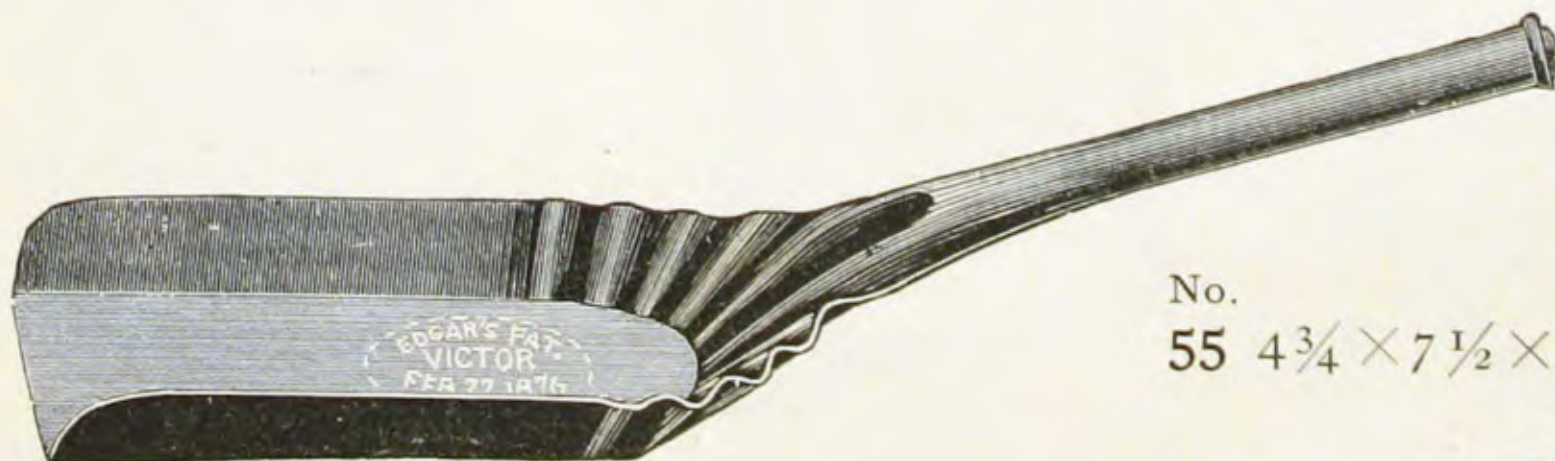
VICTOR

ROUND SHORT HANDLES

No.		Per gross.
54	$4\frac{3}{4} \times 7 \times 15$ in., No. 19 Steel, Jap'd,	\$5.70

ROUND LONG HANDLES

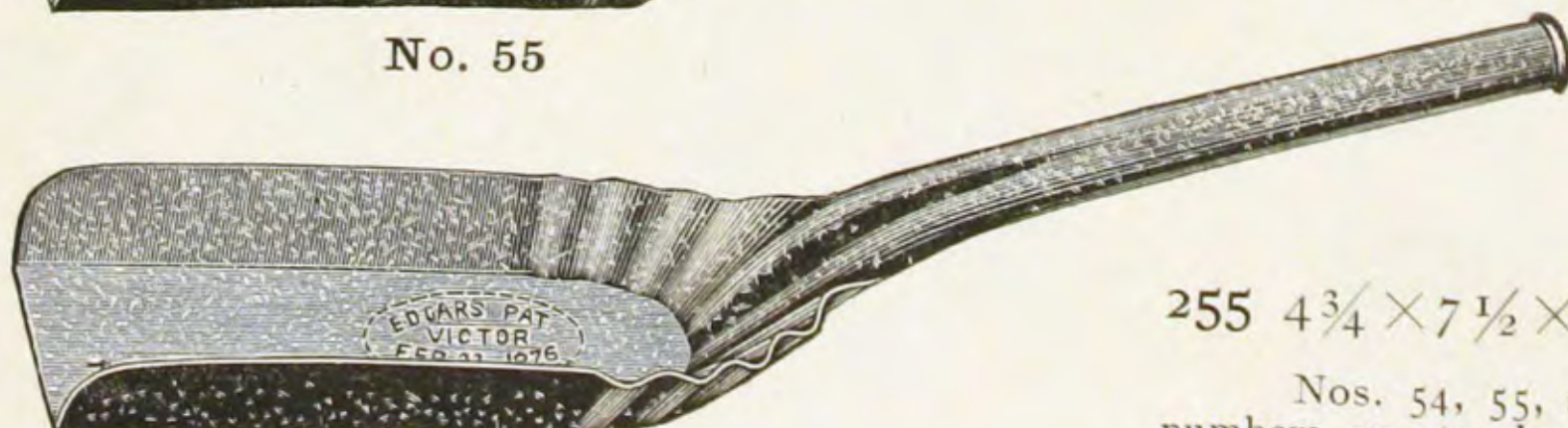
56	$4\frac{3}{4} \times 8 \times 20$ in., No. 19 Steel, Jap'd,	7.70
57	$5 \times 8\frac{1}{2} \times 23$ " No. 19 " "	10.60
256	$4\frac{3}{4} \times 8 \times 20$ " No. 19 " Galv'd,	10.80
257	$5 \times 8\frac{1}{2} \times 23$ " No. 19 " "	14.80



No. 55

ROUND SHORT HANDLES

No.		Per gross.
55	$4\frac{3}{4} \times 7\frac{1}{2} \times 16$ in., No. 19 Steel, Jap'd,	\$7.20



No. 255

255	$4\frac{3}{4} \times 7\frac{1}{2} \times 16$ in., No. 19 Steel, Galv'd,	9.60
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Nos. 54, 55, and 255, half dozen in a package; other numbers, quarter dozen.



STEEL STOVE SHOVELS

967



No. 60

U. S.
JAPANNED
ROUND SHORT HANDLES,
EXTRA STRONG

No. 60 $4\frac{3}{4} \times 8 \times 16$ in., No. 18 Steel, per gro., \$8.50

ROUND LONG HANDLES, EXTRA STRONG

No. 65 $5 \times 8\frac{1}{2} \times 23$ in., No. 18 Steel, per gro., 11.20
Quarter dozen in a package.



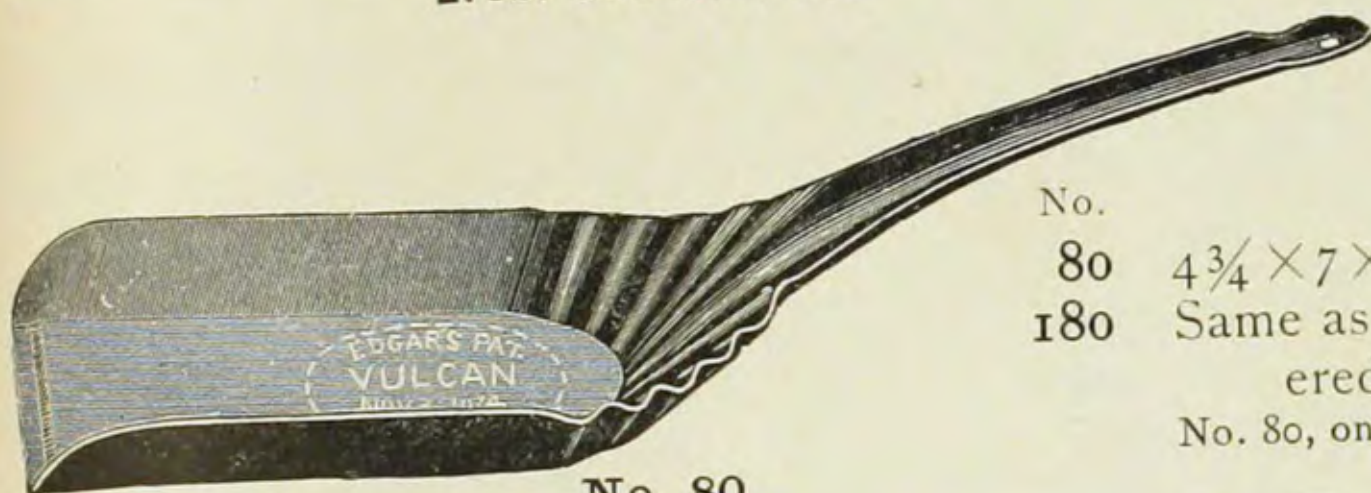
Nos. 300 and 301

MONITOR
JAPANNED

ROUND LONG HANDLES, EXTRA
STRONG

No.			Per gross.
300	$6 \times 9 \times 25\frac{1}{2}$ in.,	No. 16 Steel,	\$17.60
301	$6 \times 9 \times 28\frac{1}{2}$ "	No. 16 "	21.00

Quarter dozen in a package.



No. 80

VULCAN
JAPANNED

SHORT HANDLES Per gross.

No.			
80	$4\frac{3}{4} \times 7 \times 15$ in.,	No. 20 Steel,	\$4.10
180	Same as No. 80, but with Oval Covered Tinned Handles,		6.00

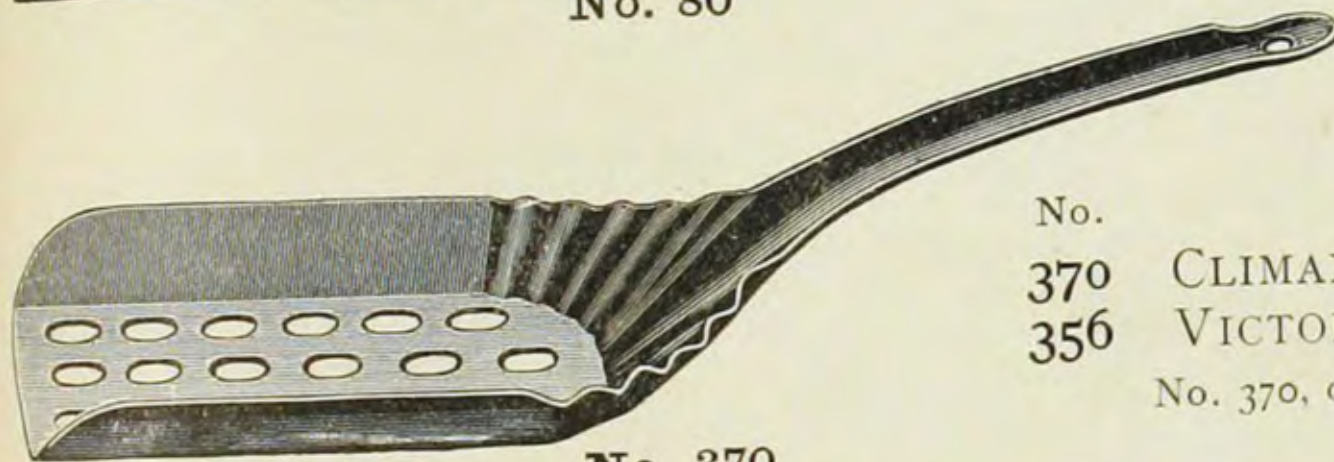
No. 80, one dozen in a package; No. 180, half dozen.

CINDER SHOVELS OR SIFTERS
JAPANNED

SHORT HANDLES Per gross.

No.			
370	CLIMAX, same size as No. 80 Shovel,		\$5.90
356	VICTOR " " " No. 55 "		8.50

No. 370, one dozen in a package; No. 356, half dozen.



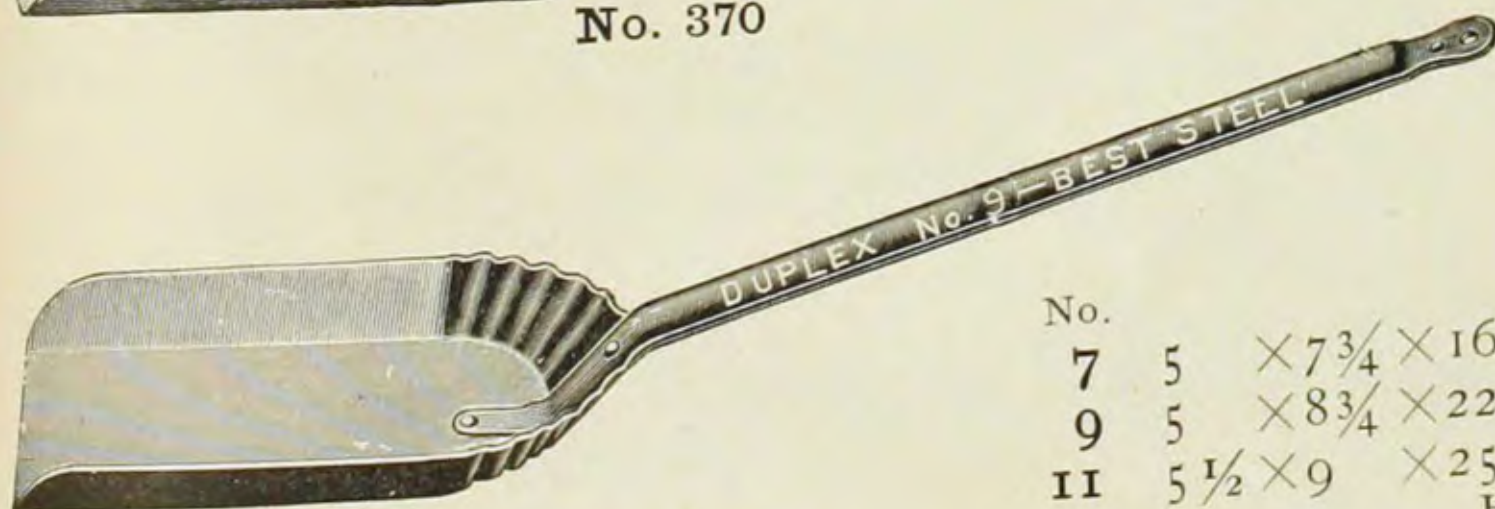
No. 370

DUPLEX
JAPANNED

DOUBLE LONG HANDLE, EXTRA
STRONG

No.			Per gross.
7	$5 \times 7\frac{3}{4} \times 16$ in.,	No. 18 Steel,	\$10.00
9	$5 \times 8\frac{3}{4} \times 22$ "	No. 18 "	13.00
11	$5\frac{1}{2} \times 9 \times 25$ "	No. 18 "	17.30

Half dozen in a package.



No. 9

STOVE COVER LIFTERS

ZERO

Made from one piece of heavy Sheet Steel. Will not break or bend.

Japanned,	per gross, \$4.50
Tinned,	" " 6.00

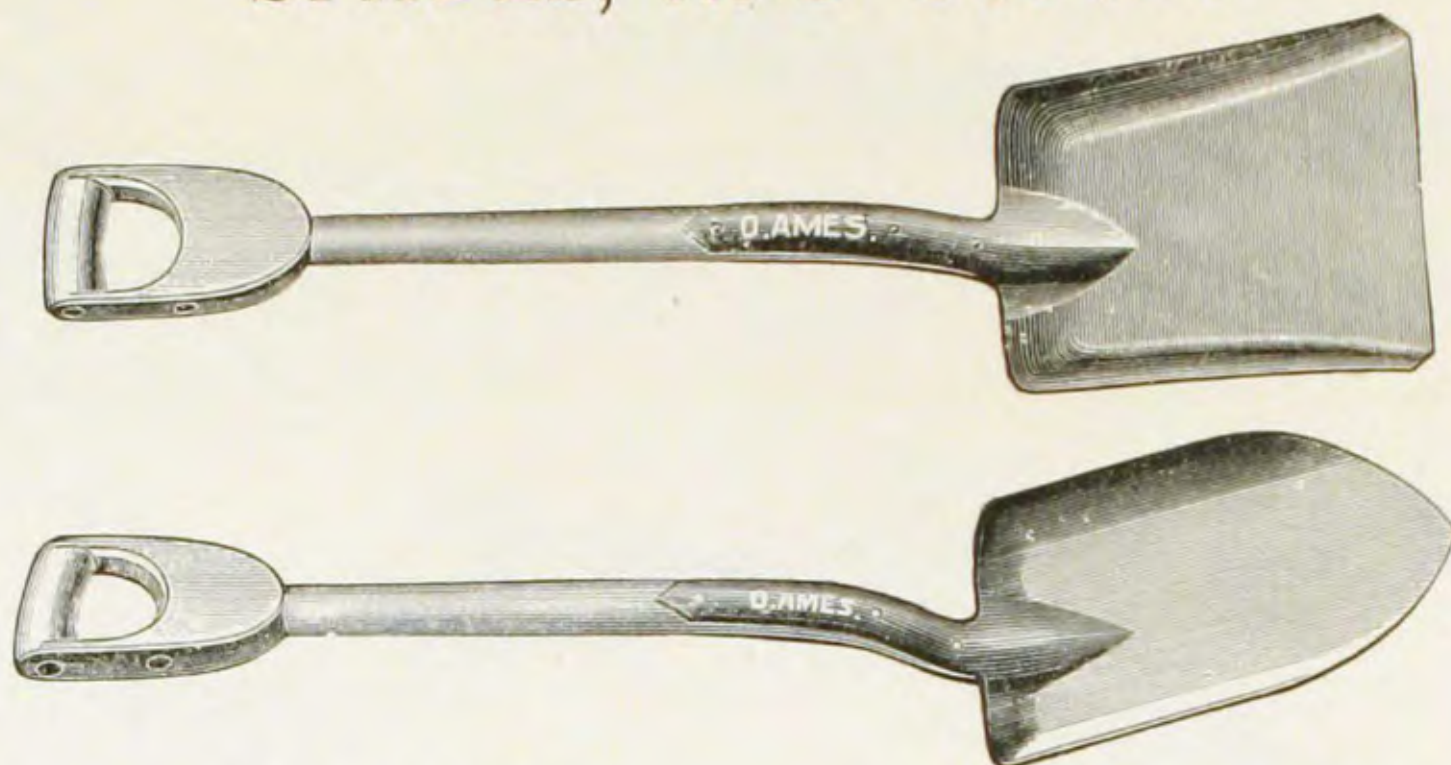
Quarter gross in a box.

ALWAYS COOL

No.		Per gross.
302	Coppered,	\$12.00



OLIVER AMES & SONS' CORPORATION SHOVELS SPADES, AND SCOOPS



D HANDLE SQUARE POINT SHOVELS

CAST STEEL EDGE, PLATED, PLAIN BACK

The Blade and Straps are Swedes Steel, with Crucible Cast Steel Edge.

No.	Size.		Per dozen.
21	1	O. AMES, Black,	\$10.75
22	2	" "	11.00
23	3	" "	11.50
24	4	" "	12.00
25	5	" "	13.00
26	6	" "	14.00
27	7	" "	15.00
28	8	" "	16.00
29	9	" "	17.00
30	10	" "	18.50
65	2	" Polished,	11.75
113	2	T. M. PORTER, Black,	8.50
150	2	" Polished,	9.50

PATENT, PLAIN BACK, SOLID CAST STEEL

No.	Size.		Per dozen.
236	2	O. AMES, Black,	\$11.75
228	2	" Polished,	12.50
314	2	R. C. BLAIR, "	9.25
329	2	CARTER, "	8.50

PATENT, PLAIN BACK, SOLID STEEL

No.	Size.		Per dozen.
846	2	A. LEE, Black,	\$7.25
838	2	" Polished,	7.75
866	2	W. HADWIN, "	7.00

R. C. Blair Black Shovels \$0.75 per dozen less than Polished.
Carter and Hadwin Black Shovels \$0.50 per dozen less than Polished.

BACK STRAP SHOVELS

No.	Size.		Per dozen.
357	2	O. AMES, Cast Steel, Polished,	\$11.50
423	2	A. STONE, " " "	9.00
457	2	O. A. DAY, " " "	8.00
491	2	SANDERSON, " " "	8.50
492	3	" " " "	9.00
548	2	C. H. REED, Steel, "	7.75
561	2	LINDSAY, " "	7.00

Any of above Shovels, Black \$0.50 per doz. less than Polished.

D HANDLE, ROUND POINT SHOVELS

CAST STEEL EDGE, PLATED, PLAIN BACK

The Blade and Straps are Swedes Steel, with Crucible Cast Steel Edge.

No.	Size.		Per dozen.
39	2	O. AMES, Black,	\$11.25
68	2	" Polished,	12.00
128	2	T. M. PORTER, Black,	8.50
153	2	" Polished,	9.25

PATENT, PLAIN BACK, SOLID CAST STEEL

No.	Size.		Per dozen.
238	2	O. AMES, Black,	\$12.50
230	2	" Polished,	13.00
316	2	R. C. BLAIR, "	9.75
331	2	CARTER, "	9.00

PATENT, PLAIN BACK, SOLID STEEL

No.	Size.		Per dozen.
848	2	A. LEE, Black,	\$7.50
840	2	" Polished,	8.00
868	2	W. HADWIN, "	7.25

R. C. Blair Black Shovels, \$0.75 per dozen less than Polished.
Carter and Hadwin Black Shovels, \$0.50 per dozen less than Polished.

BACK STRAP SHOVELS

No.	Size.		Per dozen.
365	2	O. AMES, Cast Steel, Polished,	\$12.00
431	2	A. STONE, " " "	9.50
465	2	O. A. DAY, " " "	8.50
497	2	SANDERSON, " " "	9.00
551	2	C. H. REED, Steel	8.00
564	2	LINDSAY, " "	7.25

Any of above Shovels, Black \$0.50 per dozen less than Polished.



LONG HANDLE, SQUARE POINT SHOVELS

LONG HANDLE, ROUND POINT SHOVELS



CAST STEEL EDGE, PLATED, PLAIN BACK

No.	Size	Finish	Per dozen.
47	Size 2, O. AMES,	Black,	\$11.00
71	" 2, " "	Polished,	11.75
135	" 2, T. M. PORTER,	Black,	8.50
156	" 2, " "	Polished,	9.50

PATENT, PLAIN BACK, SOLID CAST STEEL

No.	Size	Finish	Per dozen.
240	Size 2, O. AMES,	Black,	\$11.75
232	" 2, " "	Polished,	12.50
318	" 2, R. C. BLAIR,	" "	9.25
333	" 2, CARTER,	" "	8.50

PATENT, PLAIN BACK, SOLID STEEL

No.	Size	Finish	Per dozen.
850	Size 2, A. LEE,	Black,	\$7.25
842	" 2, " "	Polished,	7.75
870	" 2, W. HADWIN,	" "	7.00

BLAIR Black Shovels, \$0.75 per dozen less than Polished.
CARTER and HADWIN Black Shovels, \$0.50 per dozen less than Polished.

BACK STRAP SHOVELS

No.	Size	Material	Per dozen.
369	Size 2, O. AMES,	Cast Steel, Polished,	\$11.50
435	" 2, A. STONE,	" " "	9.00
469	" 2, O. A. DAY,	" " "	8.00
501	" 2, SANDERSON,	" " "	8.50
552	" 2, C. H. REED,	Steel, Polished,	7.75
565	" 2, LINDSAY,	" " "	7.00
659B	" 4, NAYLOR,	Iron, Black, Bakers' 6 foot Straight Handles,	8.50

CAST STEEL EDGE, PLATED, PLAIN BACK

No.	Size	Finish	Per dozen.
52	Size 1, O. AMES,	Black,	\$10.75
53	" 2, " "	" "	11.00
74	" 2, " "	Polished,	11.75
140	" 2, T. M. PORTER,	Black,	8.50
159	" 2, " "	Polished,	9.25

PATENT, PLAIN BACK, SOLID CAST STEEL

No.	Size	Finish	Per dozen.
242	Size 2, O. AMES,	Black,	\$11.75
234	" 2, " "	Polished,	12.50
320	" 2, R. C. BLAIR,	" "	9.25
335	" 2, CARTER,	" "	8.50

PATENT, PLAIN BACK, SOLID STEEL

No.	Size	Finish	Per dozen.
852	Size 2, A. LEE,	Black,	\$7.25
844	" 2, " "	Polished,	7.75
872	" 2, W. HADWIN,	" "	7.00

BLAIR Black Shovels, \$0.75 per dozen less than Polished.
CARTER and HADWIN Black Shovels, \$0.50 per dozen less than Polished.

BACK STRAP SHOVELS

No.	Size	Material	Per dozen.
374	Size 2, O. AMES,	Cast Steel, Polished,	\$11.50
440	" 2, A. STONE,	" " "	9.00
474	" 2, O. A. DAY,	" " "	8.00
506	" 2, SANDERSON,	" " "	8.50
555	" 2, C. H. REED,	Steel, Polished,	7.75
568	" 2, LINDSAY,	" " "	7.00

SPADES



CAST STEEL EDGE, PLATED, PLAIN BACK D HANDLE

No.	Size	Finish	Per dozen.
77	Size 2, O. AMES,	Black,	\$12.00
78	" 3, " "	" "	12.50
105	" 2, " "	Polished,	12.50
162	" 2, T. M. PORTER,	Black,	9.00
186	" 2, " "	Polished,	9.75

PATENT, PLAIN BACK, D HANDLE

No.	Size	Material	Per dozen.
254	Size 2, O. AMES,	Black, Solid Cast Steel,	\$11.75
245	" 2, " "	Polished " " "	12.50
323	" 2, R. C. BLAIR,	" " "	9.50
338	" 2, CARTER,	" " "	8.75
861	" 2, A. LEE,	Black, Steel,	7.50
855	" 2, " "	Polished " " "	8.00
875	" 2, W. HADWIN,	" " "	7.25

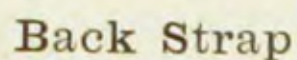
CAST STEEL EDGE, PLATED, PLAIN BACK LONG HANDLE

No.	Size	Finish	Per dozen.
81	Size 2, O. AMES,	Black,	\$12.00
110	" 2, " "	Polished,	12.50
166	" 2, T. M. PORTER,	Black,	9.00
190	" 2, " "	Polished,	9.75

PATENT, PLAIN BACK, LONG HANDLE

No.	Size	Material	Per dozen.
257	Size 2, O. AMES,	Black, Solid Cast Steel,	\$11.75
248	" 2, " "	Polished, " " "	12.50
326	" 2, R. C. BLAIR,	" " "	9.50
341	" 2, CARTER,	" " "	8.75
864	" 2, A. LEE,	Black, Steel,	7.50
858	" 2, " "	Polished, " " "	8.00
878	" 2, W. HADWIN,	" " "	7.25





No.					Per dozen.
586	O. AMES, Cast Steel Polished Toy Shovels,				
589	O. A. DAY, " " " "				\$7.50
590	C. H. REED, " " " "				6.25
592	O. AMES, Cast " " " Spades,				6.25
595	O. A. DAY, " " " "				7.50
596	C. H. REED, " " " "				6.25
					6.25

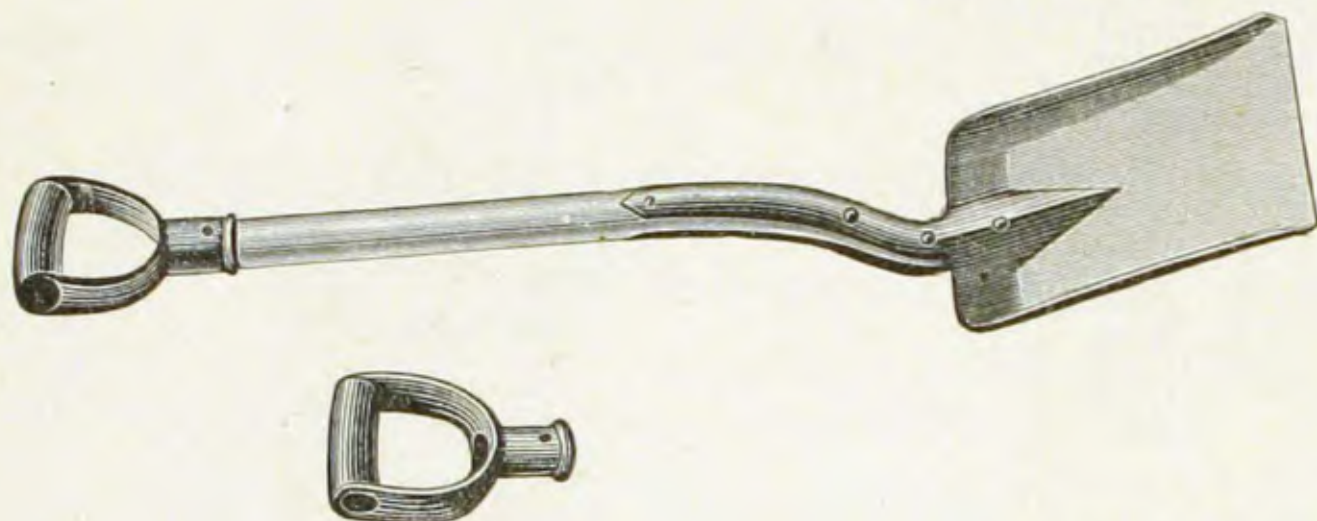
MOULDERS' SHOVELS



PATENT PLAIN BACK, SOLID CAST STEEL

No.	Size.				Per dozen.
343	2	O. AMES,	Cast Steel Polished,		\$12.50
346	2	R. C. BLAIR,	" "	" "	9.25
347	2	CARTER,	" "	" "	8.50
880	2	W. HADWIN,	" "	" "	7.00

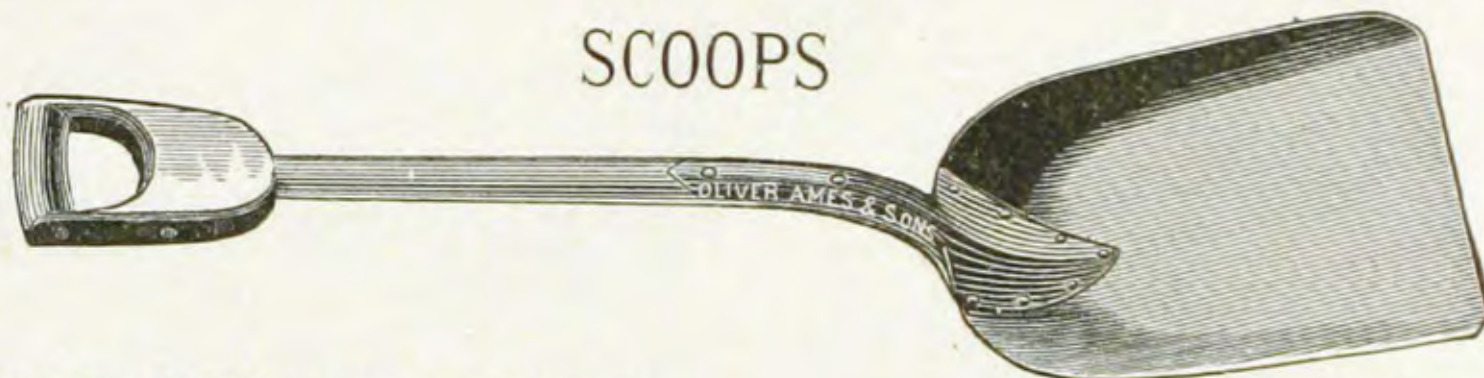
TAMPING SHOVELS



WITH BOLTON & JOHNSON'S PATENT
MALLEABLE IRON HEAD

No.	Size.		Per dozen.
836	2	Cast Steel, Edge Plated,	\$12.50
1031	2	Patent Solid Cast Steel,	13.25

SCOOOPS



0. AMES' CAST STEEL, POLISHED

Nos.	703	704	705	706	707	708	709	710	711
Size,	2	3	4	5	6	7	8	9	10
Per doz., \$	13.50	13.75	14.25	14.50	15.00	15.50	16.00	16.75	17.50

SANDERSON'S BEST STEEL, POLISHED

Nos.	730	731	732	733	734	735	736	737	738
Size,	2	3	4	5	6	7	8	9	10
Per doz.,	\$10.25	10.50	10.75	11.00	11.50	11.75	12.00	12.50	13.00

NAYLOR'S STEEL, POLISHED

Nos.	741	742	743	744	745	746	747	748
Size,	2	3	4	5	6	7	8	9
Per doz.,	\$8.75	9.25	9.50	10.00	10.25	10.50	10.75	11.25

SANDERSON'S EXTRA IRON, HALF
POLISHED

Nos.	762	763	764	765	766	767	768
Size,	2	3	4	5	6	7	8
Per doz.,	\$8.00	8.25	8.75	9.00	9.25	9.50	10.00

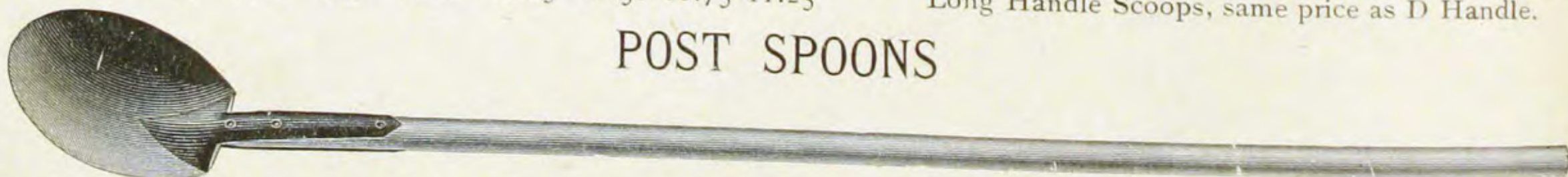
C. H. REED'S TRIMMERS' SCOOPS
STEEL, POLISHED

Nos.	751	752
Size,	2	3
Per dozen,	\$8.75	9.25

FURNACE SCOOPS

No.		Per dozen.
735½	SANDERSON'S Steel, Black, Long Bill,	\$11.75
792	“ “ Polished,	9.00
794	NAYLOR'S “ Half Polished,	8.00
798	SANDERSON'S Iron, “ “	8.25
	Long Handle Scoops, same price as D Handle.	

POST SPOONS



No. 823	For digging out Post Holes, Size, $10 \times 8\frac{1}{4}$ inches, Length of Handle, 7 feet,	per dozen, \$13.25
No. 823	" " " " " " $10 \times 8\frac{1}{4}$ " " " 8 "	" " 14.60



SNOW SHOVELS

R. & E. MFG. CO.

STEEL SOCKET

Per dozen,	STEEL SOCKET	\$4.25
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RUSSELL & ERWIN MANUFACTURING CO.'S SHOVELS AND SPADES

971



No. 910



No. 911



No. 918

PATENT, PLAIN BACK, SOLID CAST STEEL G. B. GERMOND. POLISHED

No.	Size.		Per dozen.
910	2	D Handle, Square Point Shovels,	\$11.00
911	2	D " Round " "	11.00
912	2	Long " Square " "	11.00
913	2	" " Round " "	11.00
914	2	D " Spades,	11.00
915	2	Long " " "	11.00
916	2	D " Moulders' Shovels,	11.00

With D Handles, 5 inches longer than regular,
add \$0.50 per dozen, net.

PATENT, PLAIN BACK, SOLID STEEL W. G. SMYTHE. POLISHED

No.	Size.		Per dozen.
940	2	D Handle, Square Point Shovels,	\$10.00
941	2	D " Round " "	10.00
942	2	Long " Square " "	10.00
943	2	" " Round " "	10.00
944	2	D " Spades	10.00
945	2	Long " " "	10.00

CAST STEEL, BACK STRAP G. B. GERMOND. POLISHED

No.	Size.		Per dozen.
918	2	D Handle, Square Point Shovels,	\$10.00
919	2	D " Round " "	10.00
920	2	Long " Square " "	10.00
921	2	" " Round " "	10.00
922	2	D " Spades,	10.00
923	2	Long " " "	10.00

STEEL, BACK STRAP W. G. SMYTHE. POLISHED

No.	Size.		Per dozen.
924	2	D Handle, Square Point Shovels,	\$10.00
925	2	D " Round " "	10.00
926	2	Long " Square " "	10.00
927	2	" " Round " "	10.00
928	2	D " Spades,	10.00
929	2	Long " " "	10.00

POLISHED IRON, BACK STRAP MORSE

No.	Size.		Per dozen.
930	2	D Handle, Square Point Shovels,	\$9.00
931	2	D " Round " "	9.00
932	2	Long " Square " "	9.00
933	2	" " Round " "	9.00
934	2	D " Spades,	9.00
935	2	Long " " "	9.00

BLACK IRON, BACK STRAP JONES

No.	Size.		Per dozen.
936	2	D Handle, Square Point Shovels,	\$8.50
937	2	D " Round " "	8.50
938	2	D " Spades,	8.50

Larger sizes furnished to order.

GALVANIZED IRON SHOVELS

Nos.		2	3
D H'dle, Square Point, per doz.,	\$12.50	13.00	
Nos.		4	5
D H'dle, Square Point, per doz.,	\$13.50	14.00	



RUSSELL & ERWIN MFG. CO.'S SCOOPS



No. 954

		RUSSELL. CAST STEEL HALF POLISHED	
Nos.	952	953	954
Size,	2	3	4
Per dozen,	\$11.20	11.70	12.20
Nos.	956	957	958
Size,	6		
Per dozen,	\$13.20	13.70	14.20

FURNACE SCOOPS



GERMOND

No. 982 D Handle, Iron, Black, per doz., \$10.50
No. 983 Long " " " " " 10.50



GERMOND

No. 997 D Handle, Cast Steel,
Black, Long Bill No. 7,
per dozen, \$16.00

RUSSELL & ERWIN MFG. CO.'S PATENT SOCKET STRAP, SOLID CAST STEEL SHOVELS AND SPADES



		POLISHED	
No.	Size.		Per dozen.
950	2	D Handle, Square Point Shovels,	\$12.50
951	2	D " Round " "	12.50
952	2	Long " Square " "	12.50
953	2	" " Round " "	12.50
954	2	D " Spades,	12.50
955	2	Long " "	12.50

RUSSELL & ERWIN MFG. CO.'S SOCKET SHOVELS AND SPADES



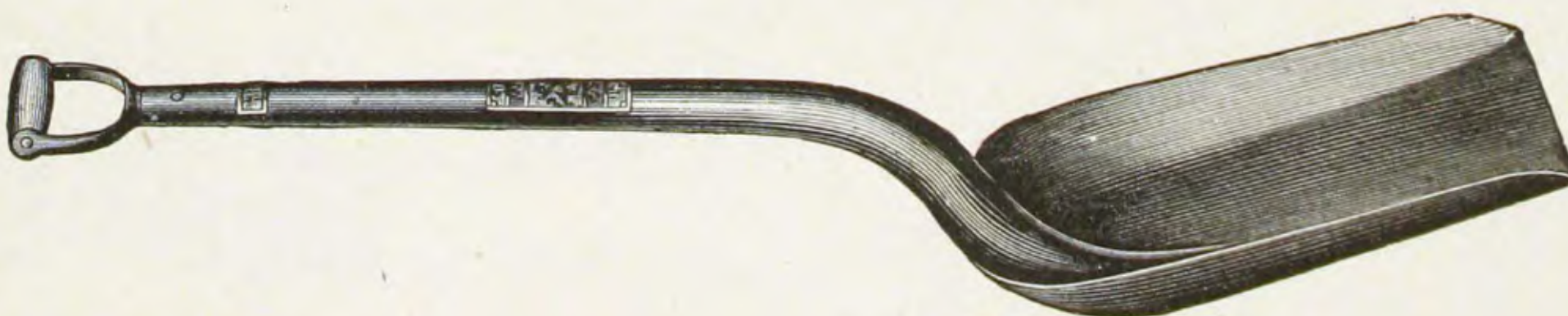
		CLEVELAND PATTERN. POLISHED	
No.	Size.		Per dozen.
990	2	D Handle, Square Point,	\$9.50
991	2	D " Round " "	9.50
992	2	Long " Square " "	9.50
993	2	" " Round " "	9.50
994	2	D " Spades,	9.50
995	2	Long " "	9.50

GIANT SOLID CAST STEEL SHOVELS



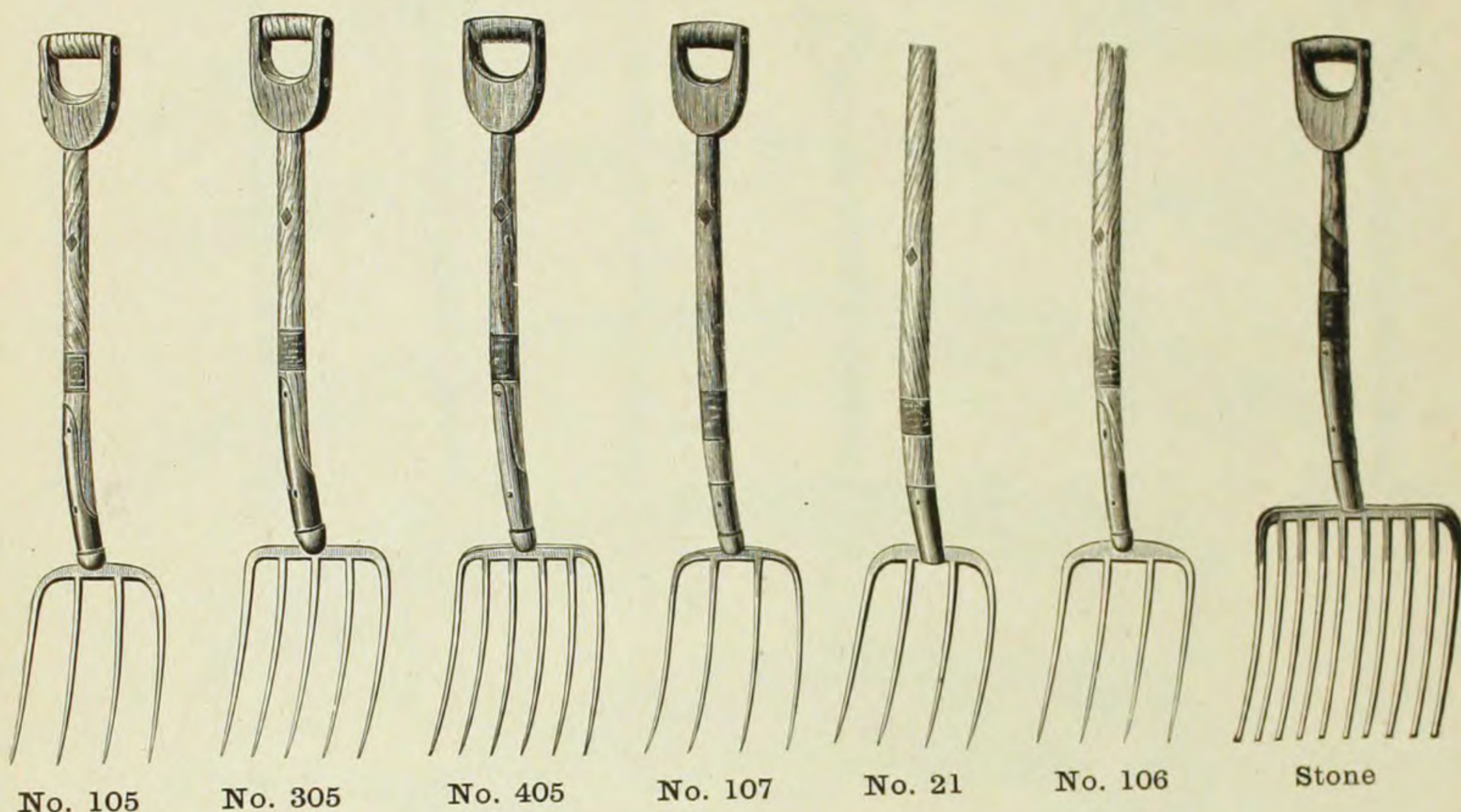
D Handle, Square Point, Black No. 2,
per dozen, \$12.00
D Handle, Round Point, Black No. 2,
per dozen, \$12.00

GIANT SOLID CAST STEEL SCOOPS



		BLACK	
Nos.	3	4	
Per dozen,	\$14.00	14.50	
Nos.	5	6	
Per dozen,	15.00	15.50	





SOLID CAST STEEL MANURE FORKS

SOLID STEEL SHANKS, CAPPED FERRULES,
BRONZED OVAL TINES

No.	Tines.		Per dozen.
105	4	D Handles, Strap'd Ferrules,	\$13.00
305	5	D " " "	17.00
405	6	D " " "	21.00
106	4	Long " " "	12.00
306	5	" " " "	16.00
406	6	" " " "	20.00
107	4	D " Plain	12.00
108	4	Long " "	11.00

EAGLE MANURE FORKS

SOLID STEEL SHANKS, 12 INCH OVAL TINES

No.	Tines.		Per dozen.
21	4	Long Handles, Plain Ferrules, Blued,	\$7.50
21D	4	D Handles, Plain Ferrules, Blued,	8.50
22	4	Long " Strap'd " "	8.50
22D	4	D " " " "	9.50
23	4	Long " Plain Capped Ferrules, Bronzed,	8.00
23D	4	D Handles, Plain Cap'd Ferrules, Bronzed,	9.00
24	4	Long Handles, Strapped Capped Ferrules, Bronzed,	9.00
24D	4	D Handles, Strapped Capped Ferrules, Bronzed,	10.00

MANURE AND STREET CLEANERS' FORKS

SOLID STEEL SHANKS, BLUED, D HANDLES,
OVAL TINES

No.	Tines.	Inch.		Per dozen.
55	4	14	Strap'd Cap'd Ferrules,	\$14.00
155	4	14	" " " "	
			Solid Ends,	15.00
161	4	15	Plain Cap'd Ferl's, Heavy,	16.00
162	4	15	Strap'd " " "	17.00
60	4	16	" Double Ferrules,	
			Ex. Heavy, Solid Ends,	20.00
58	6	14	Strapp'd Double Ferrules,	
			Ex. Heavy, Solid Ends,	25.00

DIAMOND TINES

No.	Tines.	Inch.		Per dozen.
61	4	14	Plain Double Ferrules,	\$14.00
62	4	14	Strap'd " " "	15.00
63	4	15	Plain " " Ex.	
			Heavy, Solid Ends,	17.00
64	4	15	Strapp'd D'ble Ferrules,	
			Ex. H'vy, Solid Ends,	18.00
H65	5	16	Strapp'd D'ble Ferrules,	
			Ex. H'vy, Solid Ends,	28.00

Above, with Long Handles, \$0.50 less per dozen.

STONE FORKS

SOLID STEEL SHANKS, PATENT SOLID ENDS
STRAPPED CAPPED FERRULES, BLUED

				Per dozen.
8	Tines,	Square,	15 in., D Handles,	\$20.00
10	"	"	15 " D "	25.00
12	"	"	15 " D "	30.00



SPADING FORKS



No. 67



No. 75



No. 73

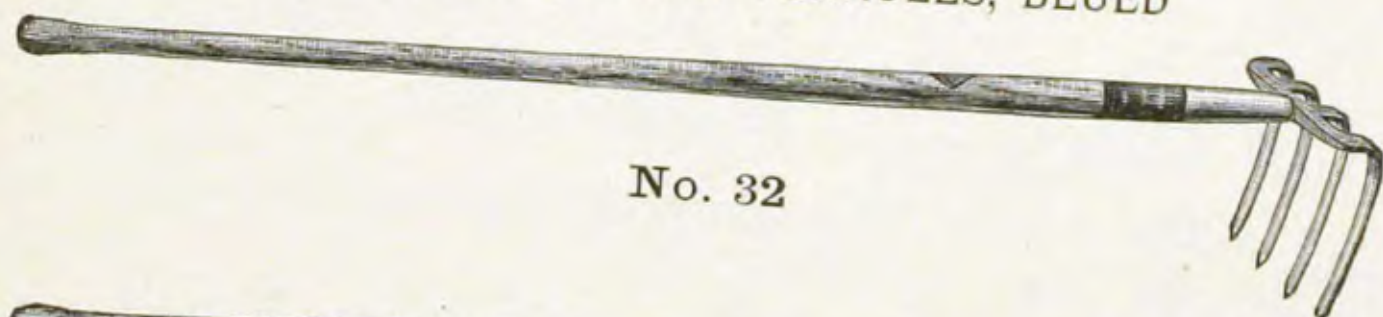
SOLID STEEL SHANKS, CAPPED FERRULES,
D HANDLES

No.	Tines.				Per dozen.
66	4	Flat	Back, Plain	Ferrules, Bronzed,	\$13.00
67	4	"	"	" Heavy, Bronzed,	14.00
68	4	"	"	" " Bronzed,	16.00
76	4	Angular	" Strapped	" " Bronzed	14.50
77	4	"	" Plain	" " "	15.50
75	4	"	" Strapped	" " "	16.00
70	4	"	"	" Heavy, Bronzed,	17.00
				" " Polished	
				and Bronzed,	
73	5	Angular	Back, Strapped	Ferrules, Heavy,	21.00
			Bronzed,		

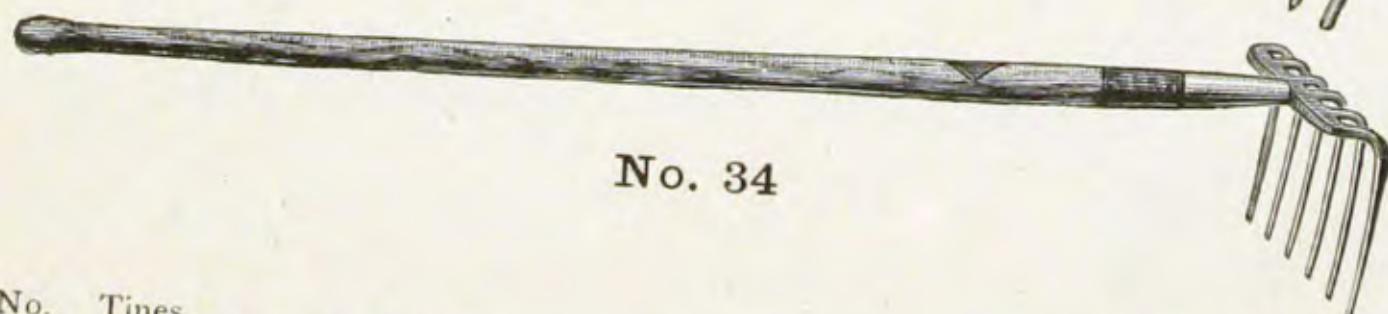
Spading Forks, with Long Handles, \$0.50 per dozen less.

POTATO HOOKS

SOLID STEEL SHANKS, PLAIN FERRULES, BLUED



No. 32



No. 34

No.	Tines.				Per dozen.
30	4	6 1/2 in., Round,	4 1/2 ft. Handles,		\$7.50
30 1/2	5	6 1/2 " "	4 1/2 " "		9.00
34	6	6 1/2 " "	4 1/2 " "		10.50
29	4	6 1/2 " Broad Oval,	4 1/2 " "		7.50
31	4	6 1/2 " " "	4 1/2 " "	Heavy,	8.00
32	4	7 " " "	4 1/2 " "	"	8.50
33	4	7 1/2 " " "	4 1/2 " "	"	9.00
35	4	9 " " "	4 1/2 " "	" Ex. Heavy,	9.50
315	5	7 " " "	4 1/2 " "	" " "	10.50
316	6	7 " " "	4 1/2 " "	" " "	12.50

With Strapped Ferrules, \$1.00 per dozen advance.

HAY AND BARLEY FORKS



No. 241



No. 245



No. 41



No. 45

HAY FORKS, 2 TINES

SOLID STEEL SHANKS, CAPPED FERRULES, BRONZED

No.	Oval Tines,	11 in., 5 ft. Handles,	Plain	Ferrules,	Per dozen.
44					\$6.50
45		12 " 6 " "	"	"	7.00
245		12 " 6 " "	" Strapped	"	8.00

HAY FORKS, 3 TINES

SOLID STEEL SHANKS, CAPPED FERRULES, BRONZED

No.	Oval Tines,	11 in., 5 ft. Handles,	Plain	Ferrules,	Per dozen.
40					\$8.00
41		12 " 6 " "	"	"	8.50
241		12 " 6 " "	" Strapped	"	9.50

HAY FORKS, 4 TINES

SOLID STEEL SHANKS, CAPPED FERRULES, BRONZED

No.	Oval Tines,	12 in., 6 ft. Bent Handles,	Plain	Ferrules,	Per dozen.
47					\$11.50
247		12 in., 6 ft. Bent Handles,	Strapped	Ferrules,	12.50

Hay forks with Tines longer than 12 inches, add to list \$0.50 per dozen for each additional inch.

Hay forks with Bent Handles, \$0.50 per dozen advance.

Hay Forks with Extra Length Handles, advance \$0.50 per dozen for each foot above 6 feet.

EAGLE HAY FORKS

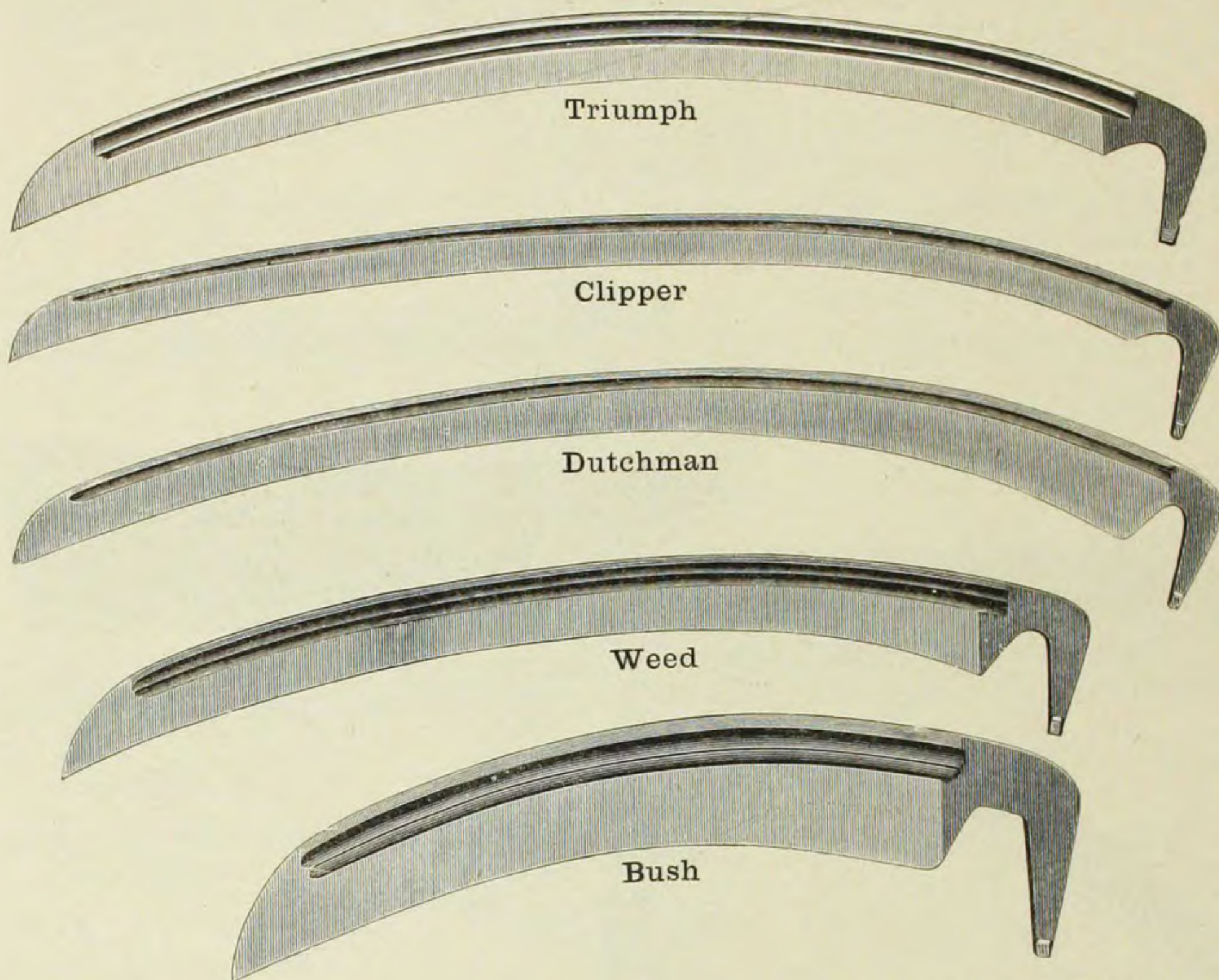
SOLID STEEL SHANKS, CAPPED FERRULES, BRONZED

No.	Tines.				Per dozen.
48	2	12 in., Oval, 6 ft. Handles,	Plain	Ferrules,	\$6.00
48 S	2	12 " " 6 " "	" Strapped	"	7.00
39	3	12 " " 6 " "	" Plain	"	7.50
39 S	3	12 " " 6 " "	" Strapped	"	8.50

BOYS' FORKS, 2 TINES
CAPPED FERRULES

No.	CAPPED FERRULES				
49	Oval Tines, 9 in., Bronzed, 4 1/2 ft. Handles, Plain	Per dozen.			
50	Oval Tines, 9 in., Blued, 4 1/2 ft. Handles, Plain				\$5.00
					4.50





GRASS SCYTHES

TRIUMPH,	Polished and Corrugated Web,		
	Oil Finish, Extra Quality,	per dozen,	\$12.00
No. 23	Clipper, Polished Web,	" "	9.00
No. 22	" Bronzed "	" "	8.75
No. 26	Dutchman, " "	" "	8.50

One dozen in a box.

Lengths, 24 to 42 inches.

Stock Assortments, 32 to 36 inches, 36 to 40 inches,
38 to 42 inches.

Be particular, when ordering, to give the lengths you wish
the Scythes assorted, by measuring from outside of the heel
on a straight line to the point.

LAWN SCYTHES

Same as Grass of corresponding finish. Lengths, 24 to 32 in.

WEED SCYTHES

No. 52	Red, Cast Steel,	per dozen,	\$8.22
No. 052	R. & M., German Steel,	" "	6.00

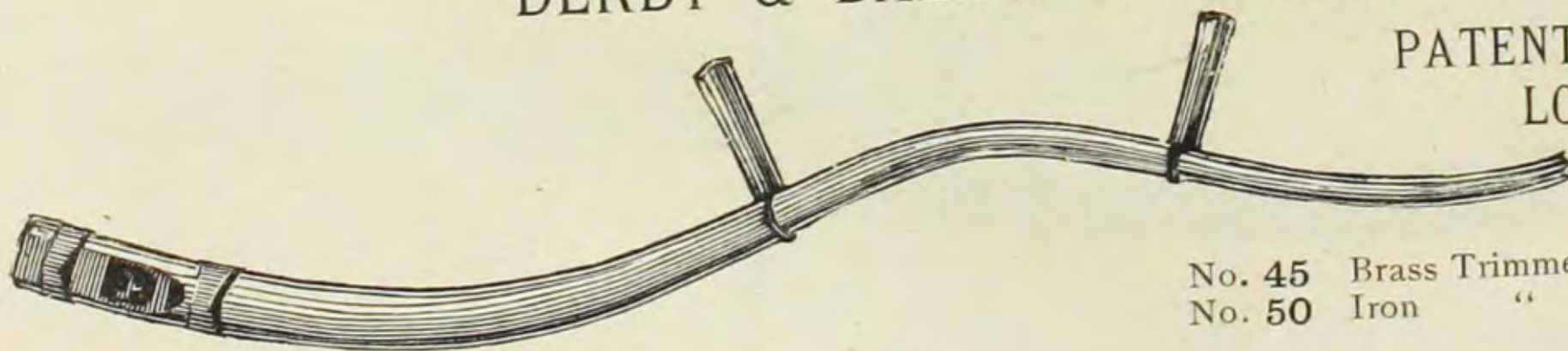
BUSH SCYTHES

No. 50	Red or Green, Cast Steel,	per dozen,	\$8.22
No. 050	R. & M., German "	" "	6.00

Half dozen in a bundle.

DERBY & BALL'S SCYTHER SNATHS

PATENT SWING SOCKET
LOOP SNATHS



No. 45	Brass Trimmed,	per dozen,	\$12.75
No. 50	Iron "	" "	12.00

RING SNATHS, PATENT SOCKET

No. 75	Brass Trimmed,	per dozen,	\$10.00
No. 85	Iron "	" "	9.50

BUSH SNATHS

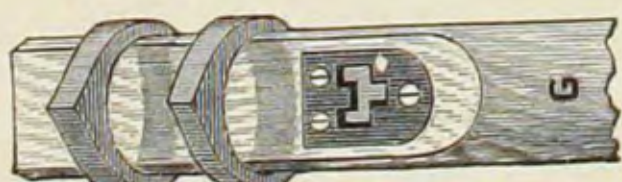
No. 100	Double Ring, Iron Trimmed,	per dozen,	\$12.50
No. 105	Patent Loop, Iron Trimmed,	per dozen,	13.50



Nos. 45 and 50



Nos. 75 and 85



No. 100



No. 105

Dutch, Mulay, and Jersey Bend Snaths, add to List Prices, per dozen, \$1.25.
All half dozen in a bundle.



WADSWORTH'S HAY KNIVES

SPEAR POINT

PAINTED RED

No.	Per dozen.
1 Full Polished Blade, one side,	\$16.00
2 Polished bevel only,	15.00

Assorted, 22 to 24 inches.

Half dozen in a case.

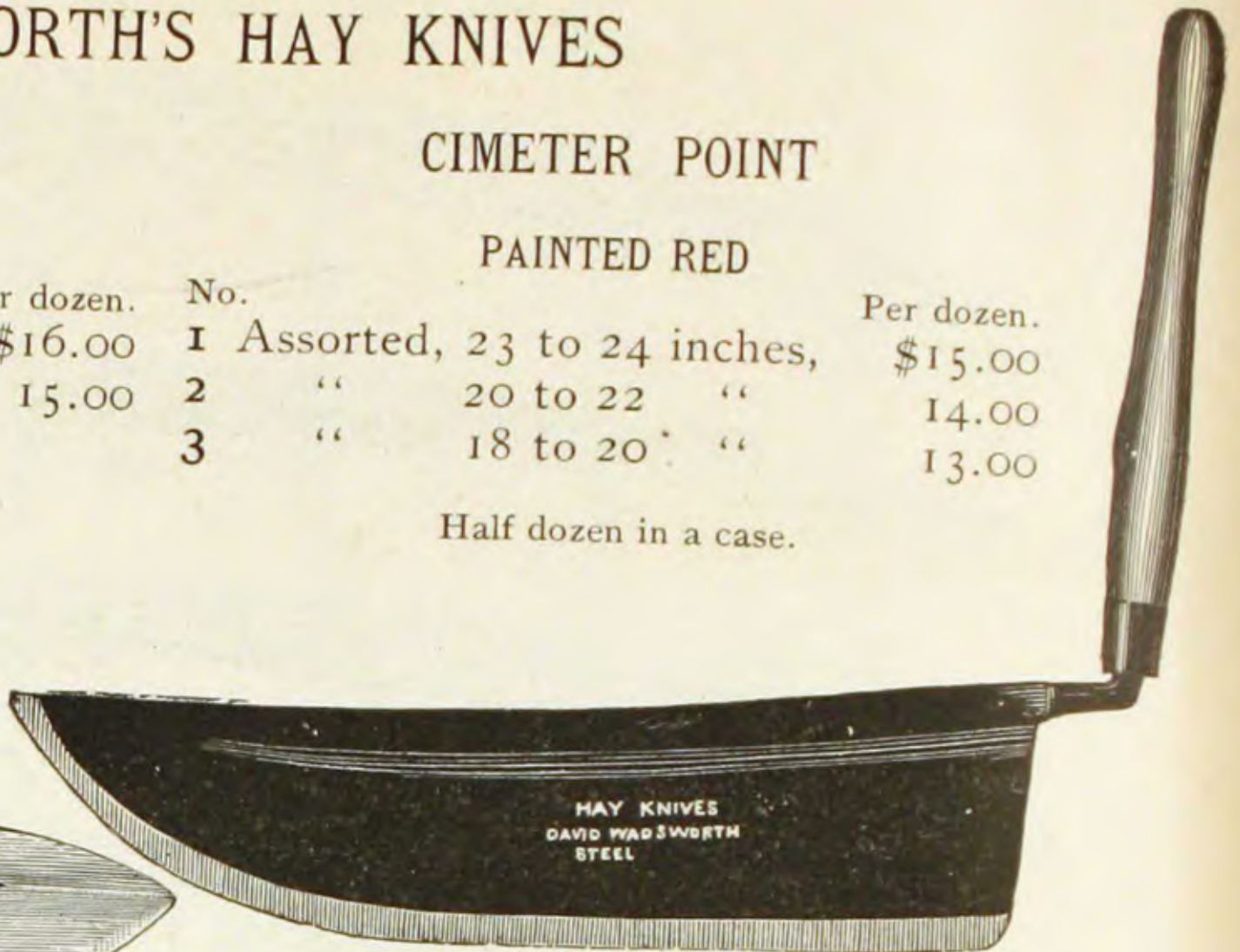


CIMETER POINT

PAINTED RED

No.	Per dozen.
1 Assorted, 23 to 24 inches,	\$15.00
2 " 20 to 22 "	14.00
3 " 18 to 20 "	13.00

Half dozen in a case.

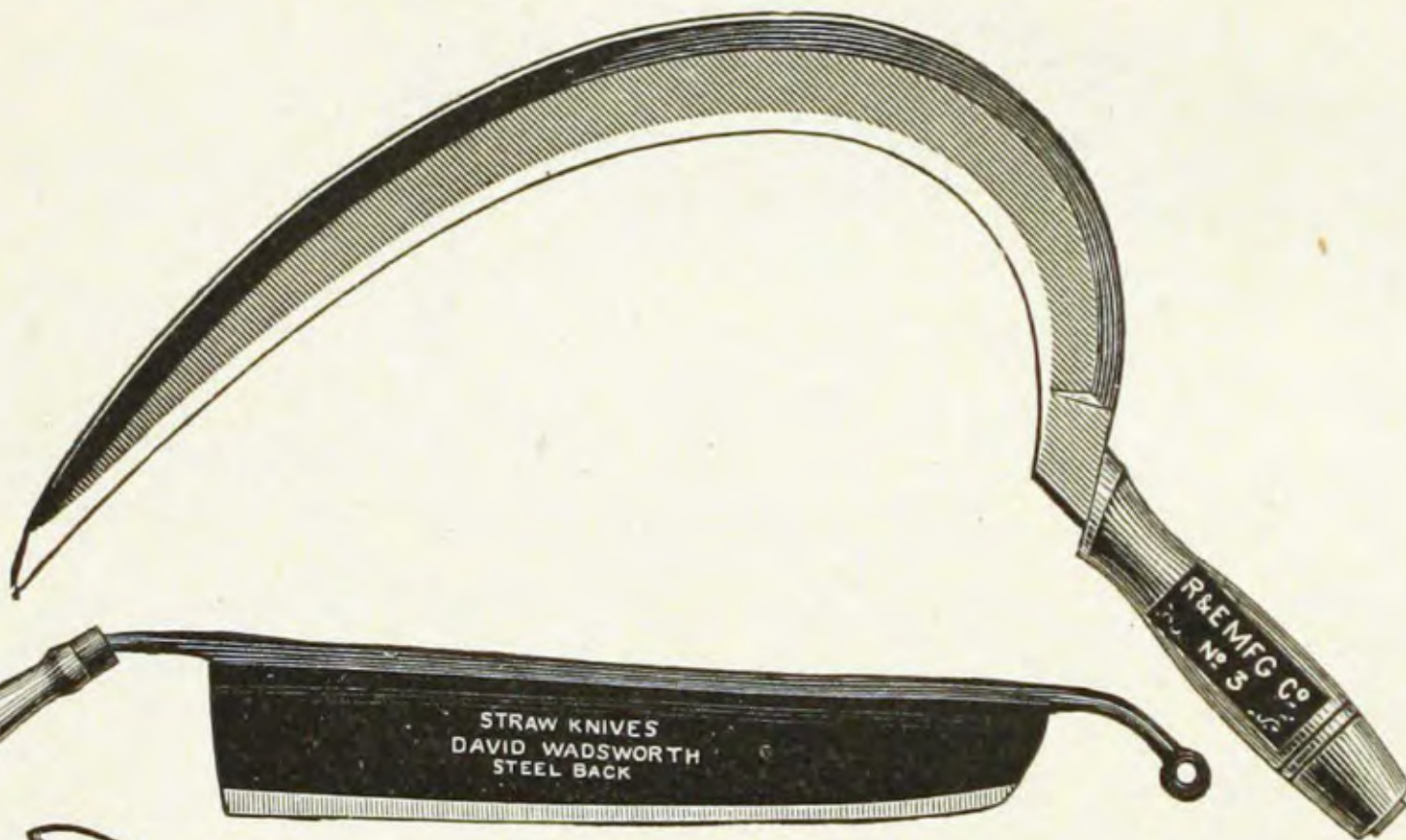


R. & E. MFG. CO.'S GRASS HOOKS

GOLD BRONZED. GROUND ON BOTH SIDES

Nos.	1	2	3	4
Per doz.,	\$5.00	5.50	6.00	6.50

Half dozen in a bundle.



STRAW KNIVES

PAINTED RED

No.	Size, inches.	Per dozen.
1 Assorted,	26 to 30,	\$15.00
2 " "	26 to 30,	14.00

Half dozen in a case.

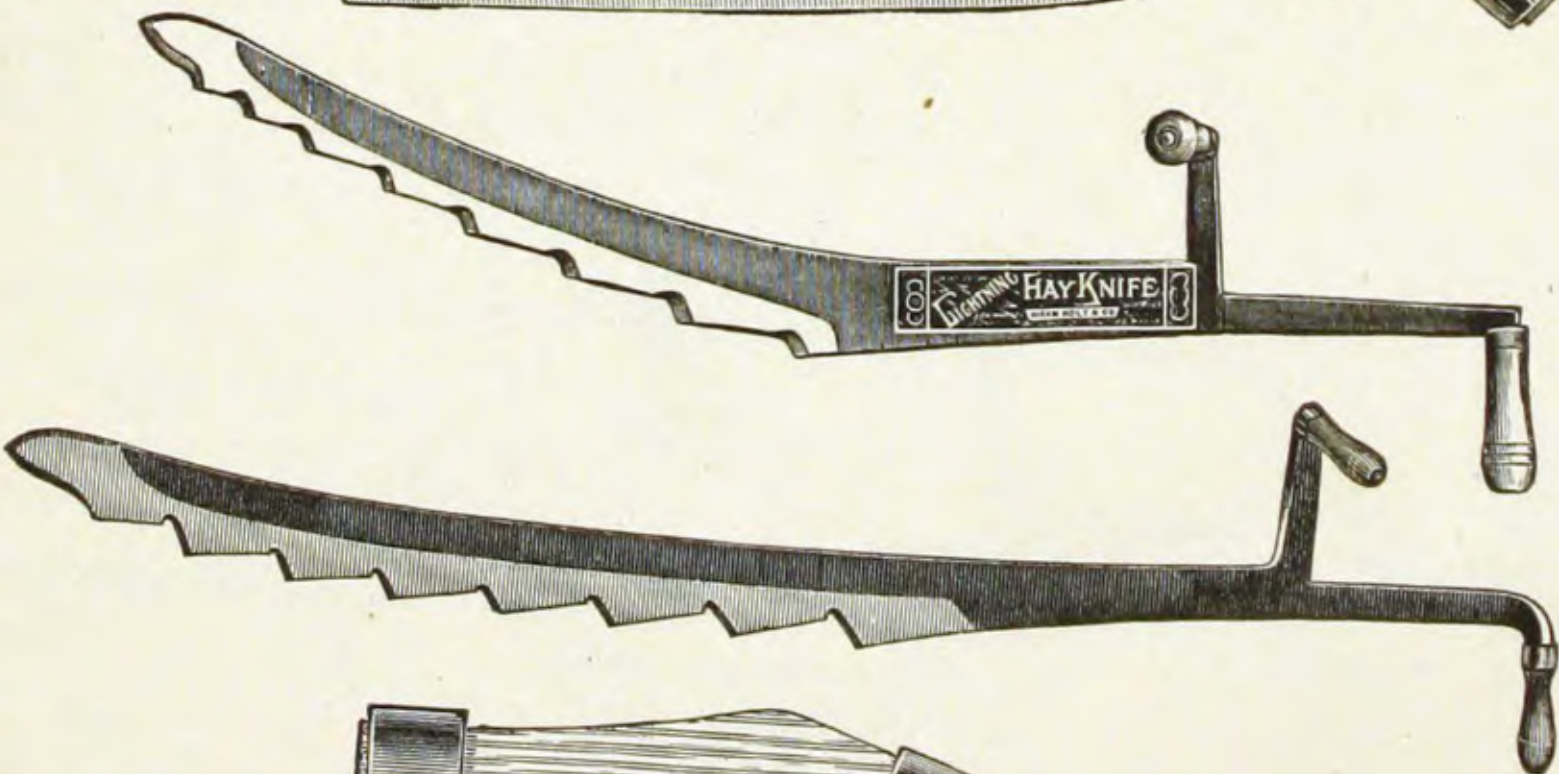


HOLT'S LIGHTNING HAY KNIVES

Per dozen, \$18.00
One dozen in a case.

LIGHTNING PATTERN HAY KNIVES

Per dozen, \$15.00
One dozen in a case.

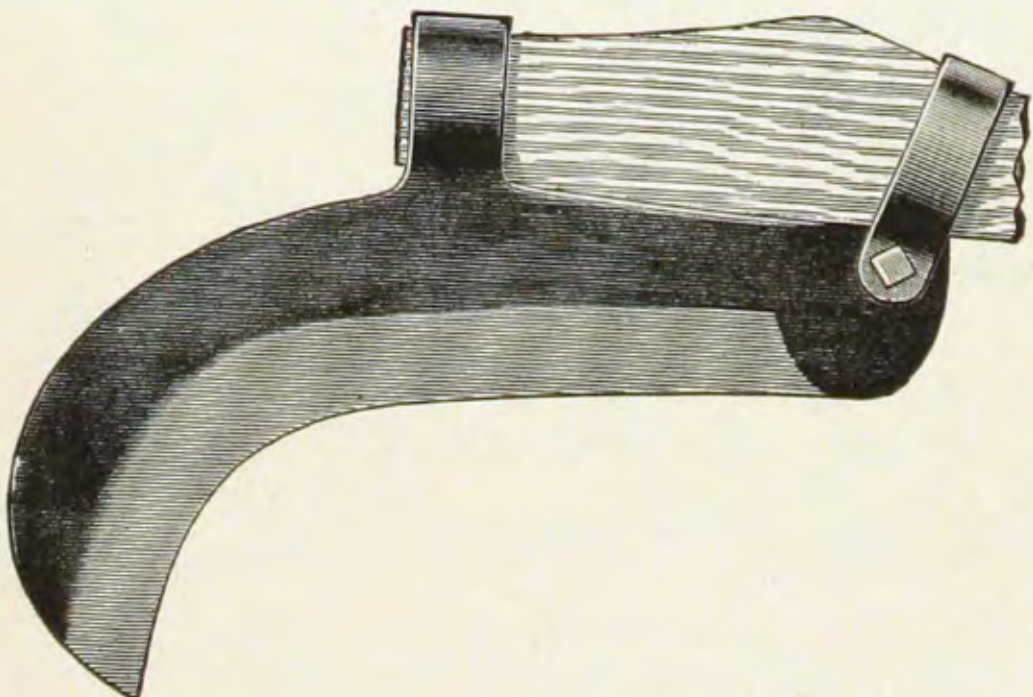


BUSH HOOKS

GERMOND, GOLD BRONZED
MADE FROM THE BEST CAST STEEL

Handled, per dozen, \$18.00
2 Ring, without Handle, " " 18.00

One dozen in a case.



CAST STEEL FIELD AND GARDEN HOES

SOLID SHANK

	Per dozen.
Size, in., 6, 6 1/2, 7, 7 1/2, and 8, \$8.50	
Boys',	7.00
Ladies',	6.00

SOLID SOCKET

	Per dozen.
Size, in., 6, 6 1/2, 7, 7 1/2, and 8, \$9.50	

HANDLED PLANTERS' HOES

Nos.	000	00	0	I
Blade, in.,	6	6 1/2	7	7 1/2
Handles, ft.,	5	5	5	5 1/2
Per doz.,	\$9.50	10.00	10.50	11.50
Nos.	2	3	4	5
Blade, in.,	8	8 1/2	9	10
Handles, ft.,	5 1/2	5 1/2	5 1/2	5 1/2
Per doz.,	\$12.00	12.50	13.00	14.00

HANDLED COTTON HOES

Nos.	000	00	0	I
Blade, in.,	6	6 1/2	7	7 1/2
Handles, ft.,	5	5	5	5
Per doz.,	\$8.50	9.00	9.50	10.00
Nos.	2	3	4	5
Blade, in.,	8	8 1/2	9	10
Handles, ft.,	5 1/2	5 1/2	5 1/2	5 1/2
Per doz.,	\$11.00	11.50	12.50	13.00

CAST STEEL STREET AND MORTAR HOES

STREET SOLID SHANK

Blade.	Handle.	Per dozen.
9 inch	6 feet	\$13.00
10 "	6 "	14.00

MORTAR SOLID SHANK

Blade.	Handle.	Per dozen.
8 1/2 inch	7 feet	\$14.50
9 "	7 "	15.00

RIVETED GARDEN HOES

SHANK

7 1/2 inch Blade, per dozen, \$5.75

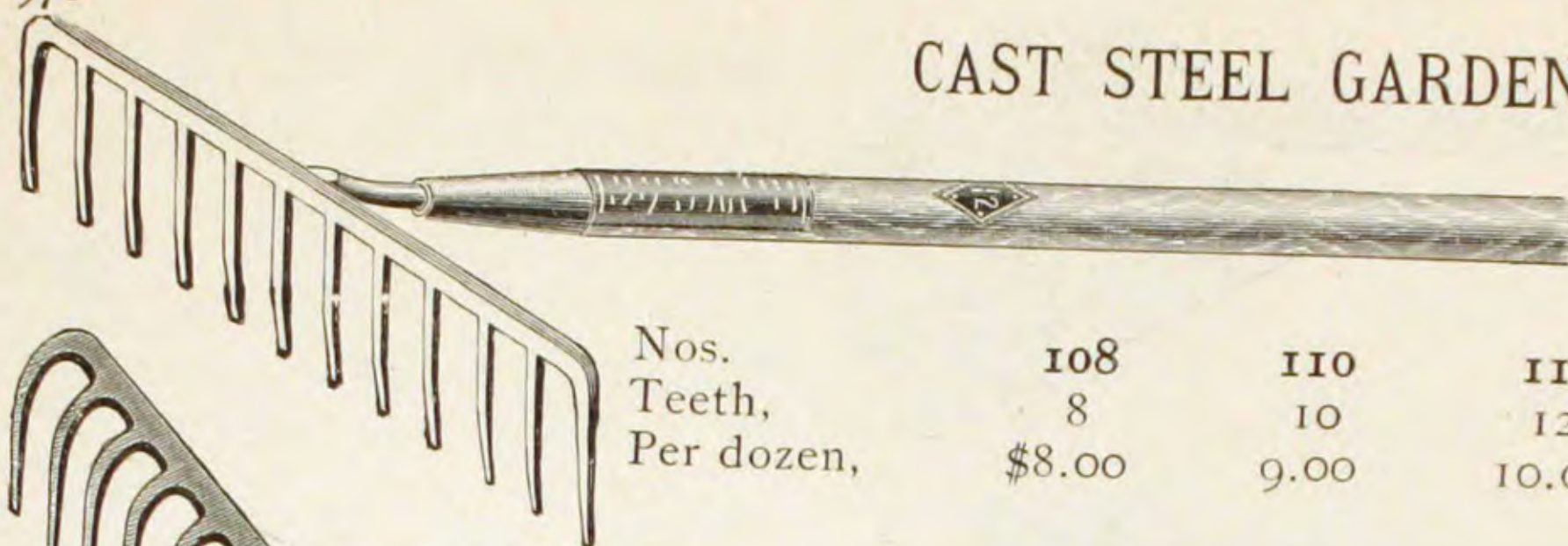
SOCKET

7 1/2 inch Blade, per dozen, \$6.00

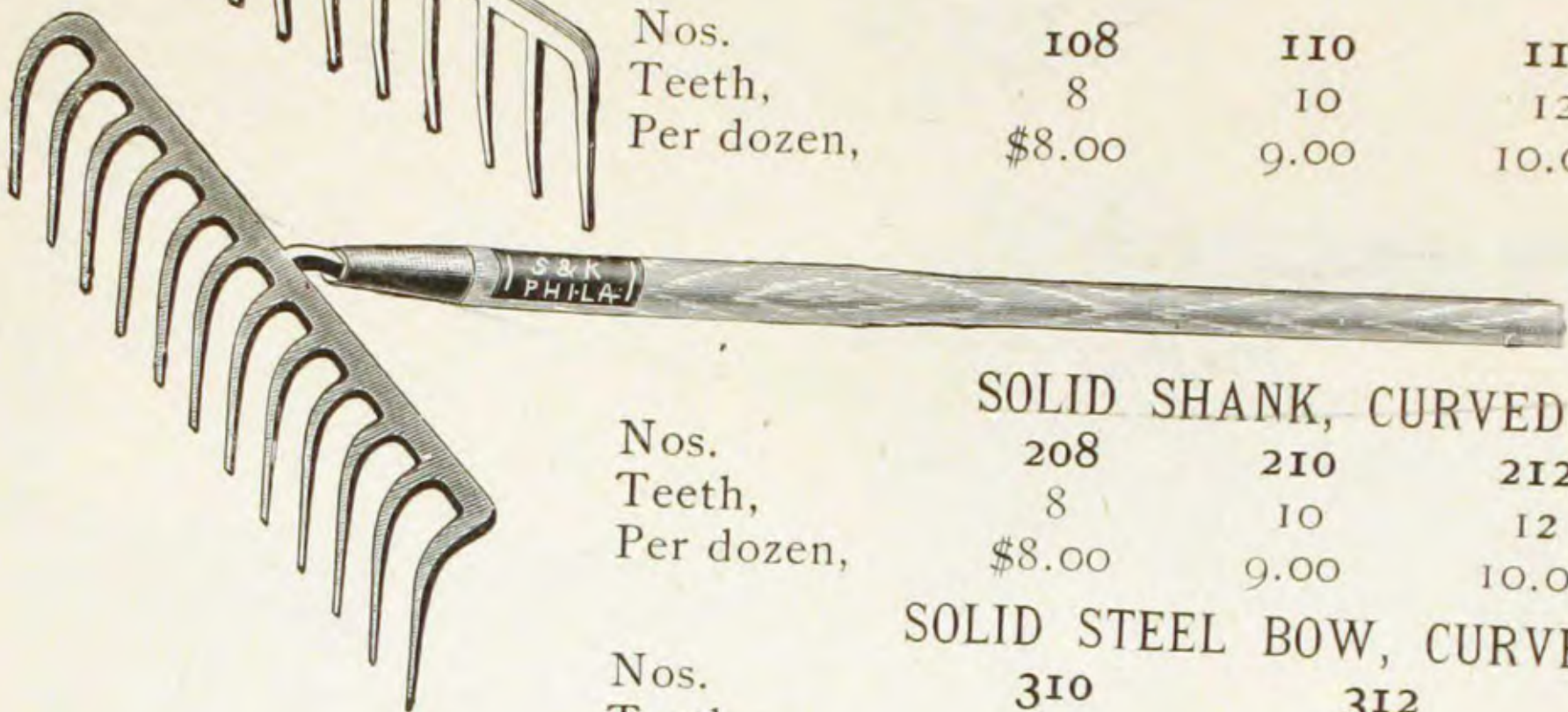
Above, one dozen in a bundle.



CAST STEEL GARDEN RAKES



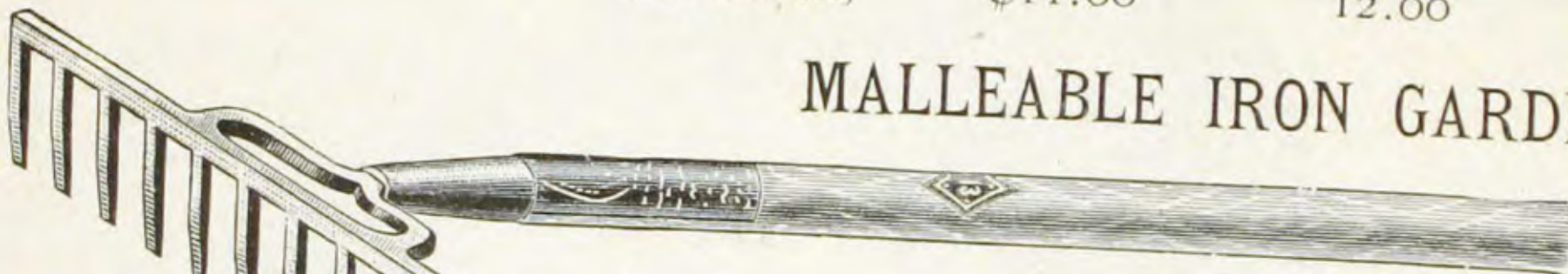
Nos.	108	110	112	114	116
Teeth,	8	10	12	14	16
Per dozen,	\$8.00	9.00	10.00	11.00	12.00



SOLID SHANK, CURVED TEETH					
Nos.	208	210	212	214	216
Teeth,	8	10	12	14	16
Per dozen,	\$8.00	9.00	10.00	11.00	12.00

SOLID STEEL BOW, CURVED TEETH					
Nos.	310	312	314	316	
Teeth,	10	12	14	16	
Per dozen,	\$11.00	12.00	13.00	14.50	

MALLEABLE IRON GARDEN RAKES



PLAIN					
Nos.	408	410	412	414	416
Teeth,	8	10	12	14	16
Per dozen,	\$5.00	5.50	6.00	6.50	7.00
BRACED					
Nos.	508	510	512	514	516
Teeth,	8	10	12	14	16
Per dozen,	\$5.50	6.00	6.50	7.00	7.50

WEEDING HOE AND RAKE

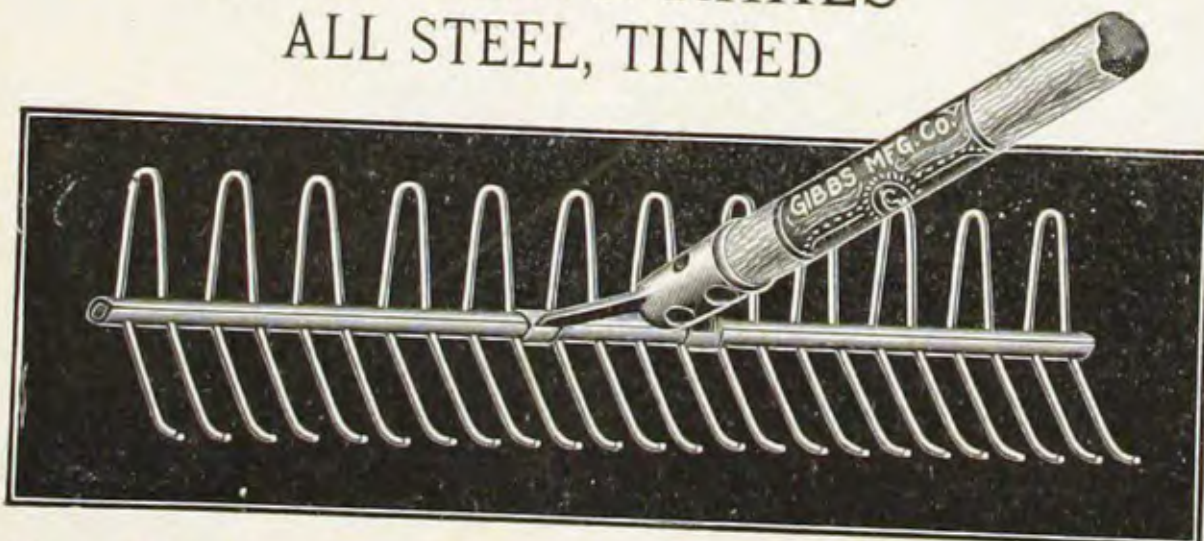


CAST STEEL

No. 1	Six Teeth, Polished, 4 1/2 feet Handles,	per dozen,	\$10.00
No. 2	Four " " " " " " " " " " " "		9.00

MALLEABLE IRON

No. 4	Four Teeth, Polished Cast Steel Blade, 4 1/2 feet Handles,	per dozen,	\$5.00
No. 6	Six " " " " " " " " " " " "		5.50

GIBBS' LAWN RAKES
ALL STEEL, TINNED

No. 20	20 Teeth,
No. 24	24 " "

per dozen,	\$6.30
" " "	6.50

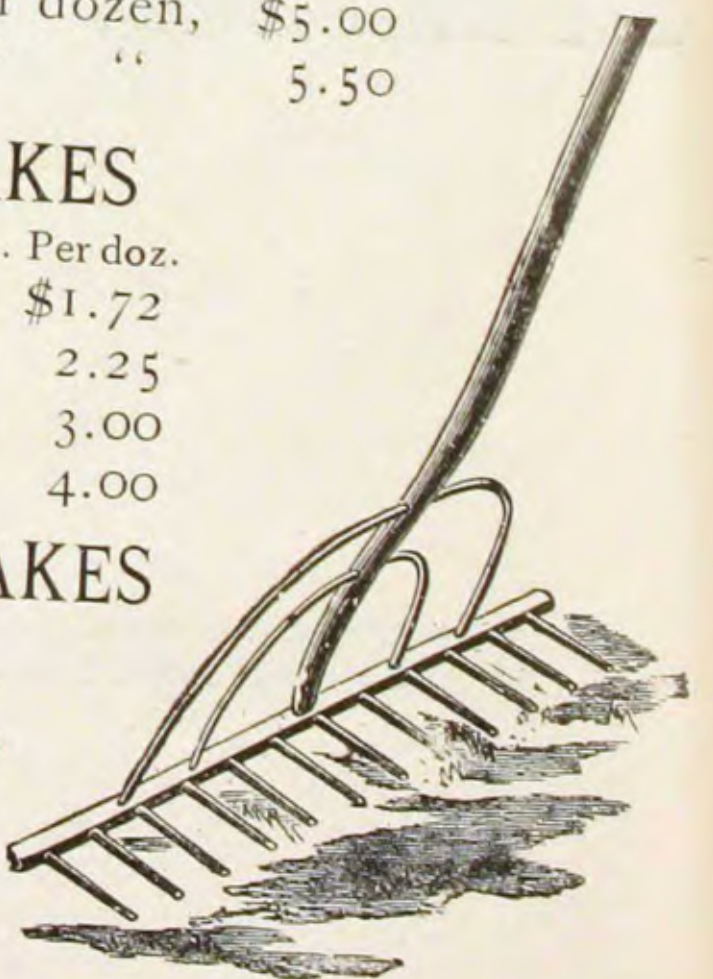
All above, one dozen in a bundle.

WOOD HAY RAKES

No.	Bow.	Teeth.	Per doz.
20	No Brand	2 10	\$1.72
22	No. 2	2 10	2.25
21	No. 1	2 10	3.00
31	No. 1	3 10	4.00

WOOD LAWN RAKES

No.	
41	No. 1, 3 Bow, 22 Teeth, per doz., \$4.00
42	Extra, 3 Bow, 22 Teeth, per doz., \$4.50



GARDEN SETS

THREE PIECES

No.		Per set.
64	Small,	\$0.80
65	Medium,	1.00
66	Large,	1.20

EXTRA FINISHED, VARNISHED
HANDLES, D HANDLE
SPADE. THREE
PIECES

No.		Per set.
67	Small,	\$1.20
68	Medium,	1.40
69	Large,	1.67
90	Extra Large, for Boys,	2.25

EXTRA FINISHED, VAR-
NISHED HANDLES, D
HANDLE SPADE
FOUR PIECES

No.		Per set.
169	Medium,	\$2.00
180	Large,	2.25

One set in a package.

LADIES' FLORAL SETS

CAST STEEL BLADES, EXTRA FINE POLISHED
BRONZE SHANKS

No.		Per set.
4	4 Pieces, Fancy Wood Handles,	\$0.55

One set in a paper box.

POLISHED BLADES, BRONZED SHANKS

No.		Per set.
5	3 Pieces, Varnished Handles,	\$0.45

One set in a package.

WEEDING FORKS

Per dozen.
\$1.75
2.00

EXCELSIOR WEEDING HOOKS

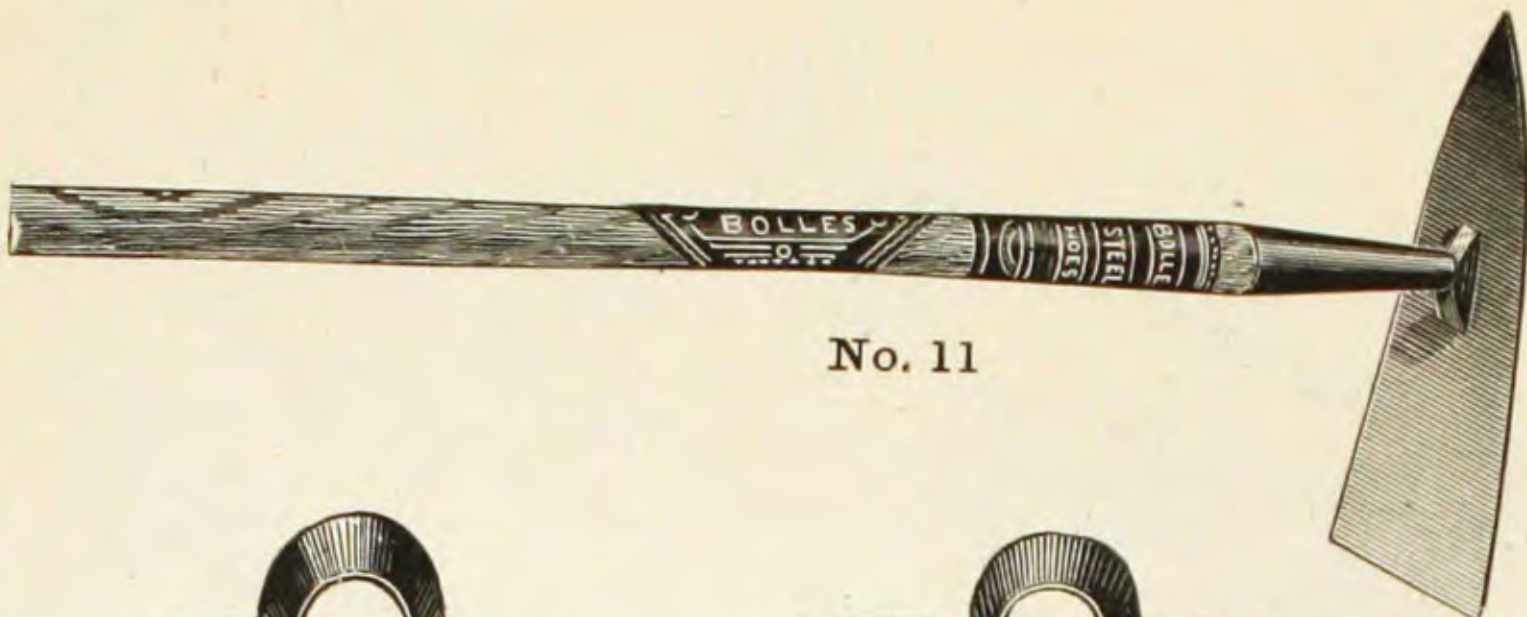
No.		Per dozen.
1	Malleable Iron, Half Polished,	\$1.50
2	" " " "	2.00

Half dozen in a package.

Tinned Malleable Iron,

One dozen in a box.





No. 11

WEEDING HOES

CAST STEEL

- No. 8 2 Prong, 4½ feet Handles,
per dozen, \$7.00
No. 11 Sharp, 4½ feet Handles,
per dozen, 5.75

CAST STEEL PLANTERS' HOES

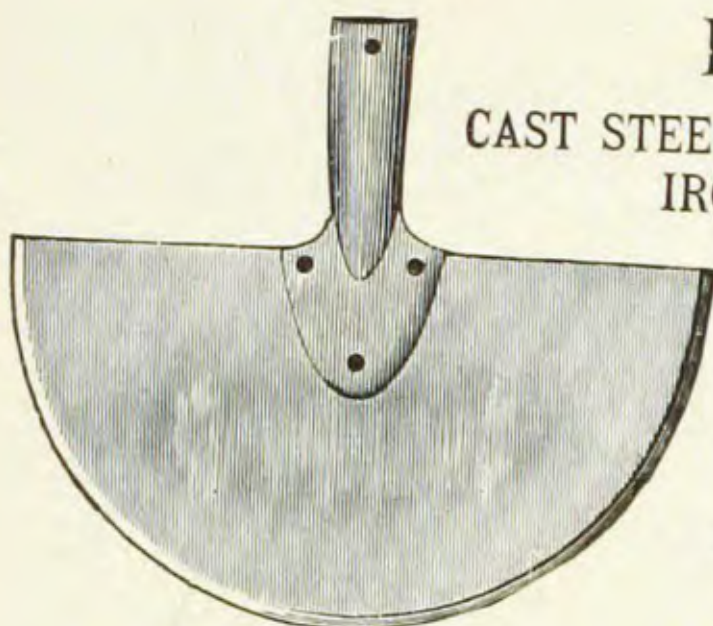


American Pattern



Scovil Pattern

Nos.	00	0	1
Size, inches,	6½	7	7½
American Bright, per dozen,	\$6.00	6.25	6.50
Scovil, " " "	6.25	6.50	6.75
Am., Half Bright, " "	5.50	5.75	6.00
Scovil, " " "	5.75	6.00	6.25
Nos.	2	3	4
Size, inches,	8	8½	9
American Bright, per dozen,	\$7.00	7.50	8.00
Scovil, " " "	7.25	7.75	8.25
Am., Half " " "	6.50	7.00	7.50
Scovil, " " "	6.75	7.25	7.75

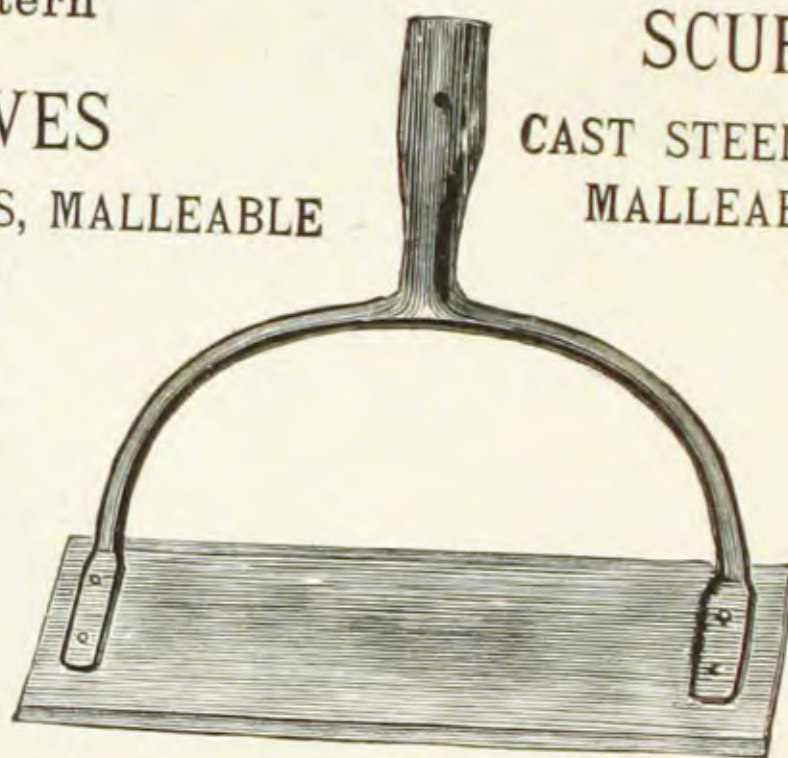


BORDER KNIVES

CAST STEEL, POLISHED BLADES, MALLEABLE
IRON SOCKET SHANKS

Per dozen.
9 inch Blades, \$5.50
10 " " 6.50
Handles, 2.00

Quarter dozen in a
package.



SCUFFLE HOES

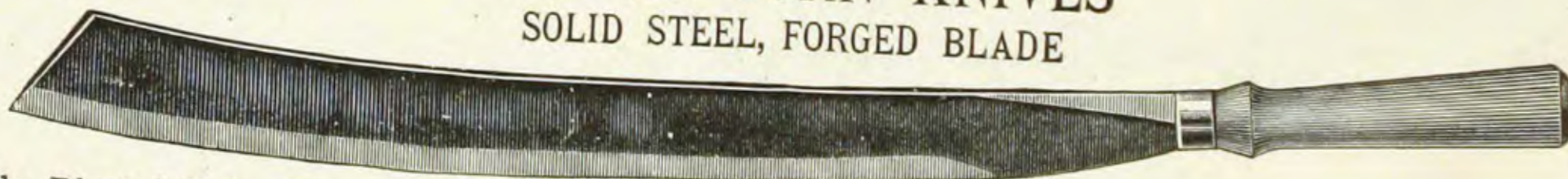
CAST STEEL, POLISHED BLADES,
MALLEABLE IRON SOCKET
SHANKS

Per dozen.
6 inch Blades, \$3.50
7 " " 3.75
8 " " 4.25
9 " " 5.00
10 " " 5.75
Handles, 2.00

Half dozen in a box.

CLIPPER CORN KNIVES

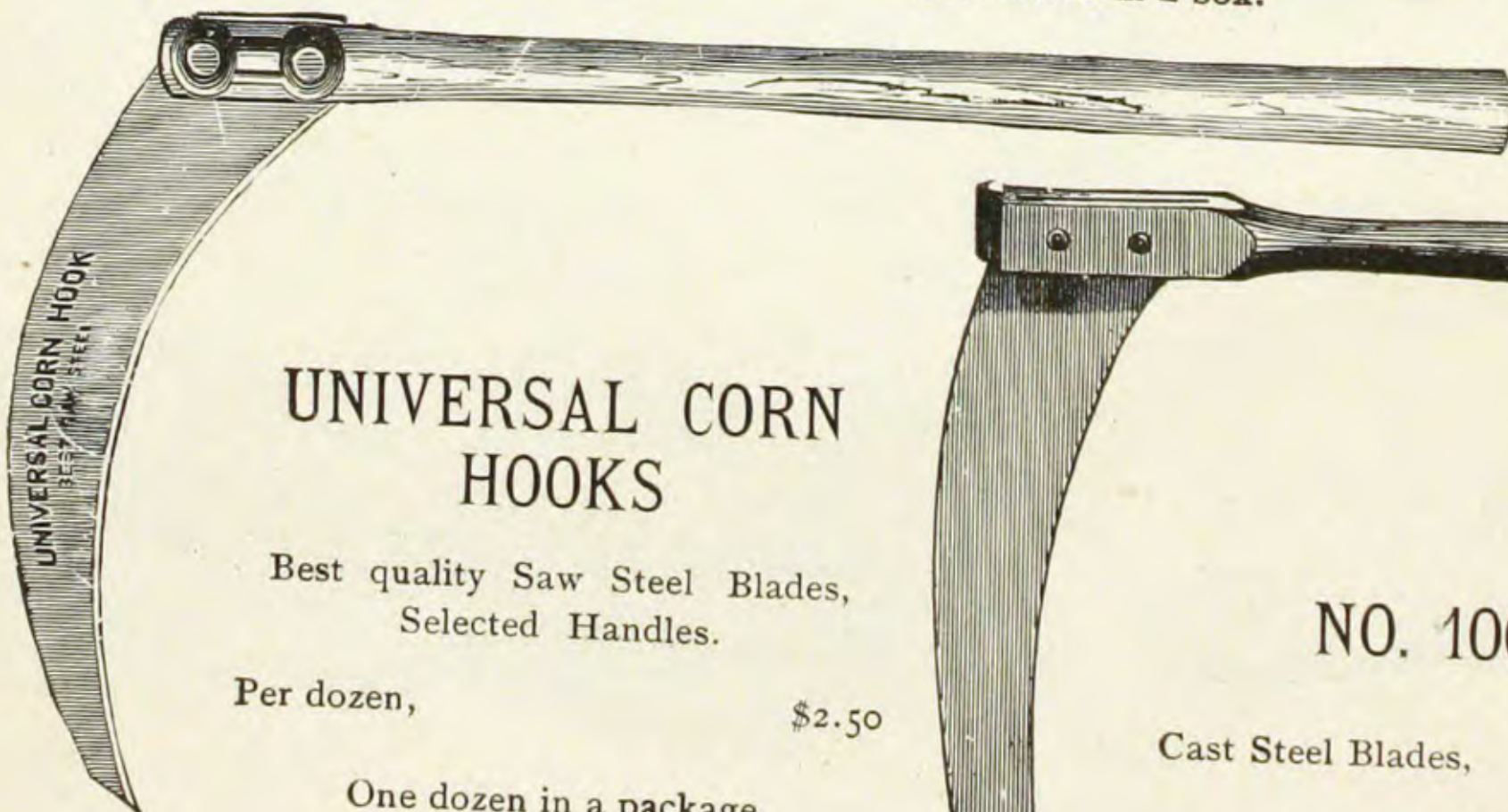
SOLID STEEL, FORGED BLADE



Oval Handle, Riveted Ends, Bronzed,

One dozen in a box.

per dozen, \$2.50

UNIVERSAL CORN
HOOKS

Best quality Saw Steel Blades,
Selected Handles.

Per dozen, \$2.50

One dozen in a package.

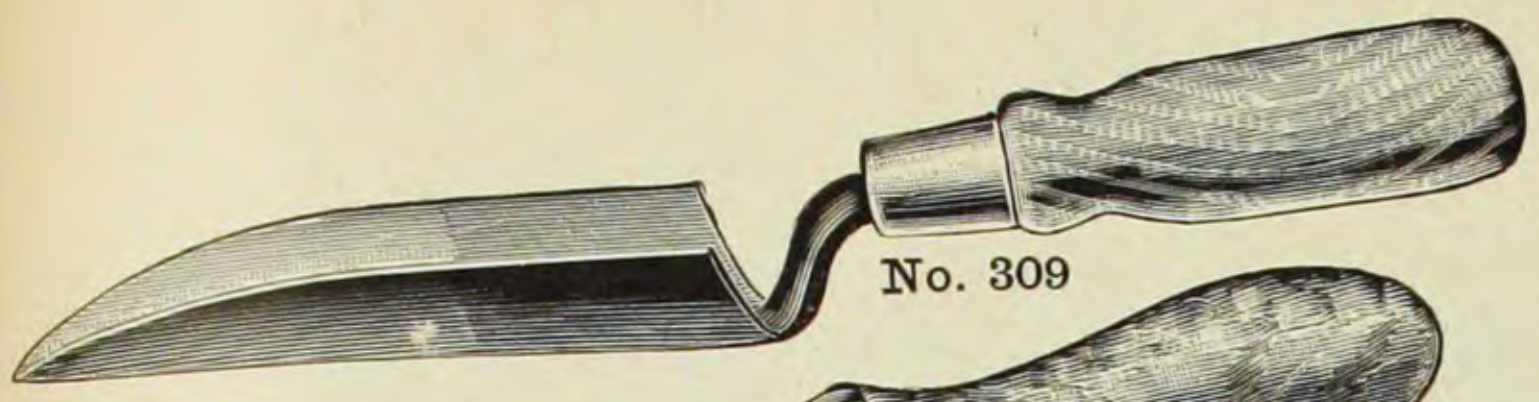
NO. 100. CORN HOOKS

Cast Steel Blades,

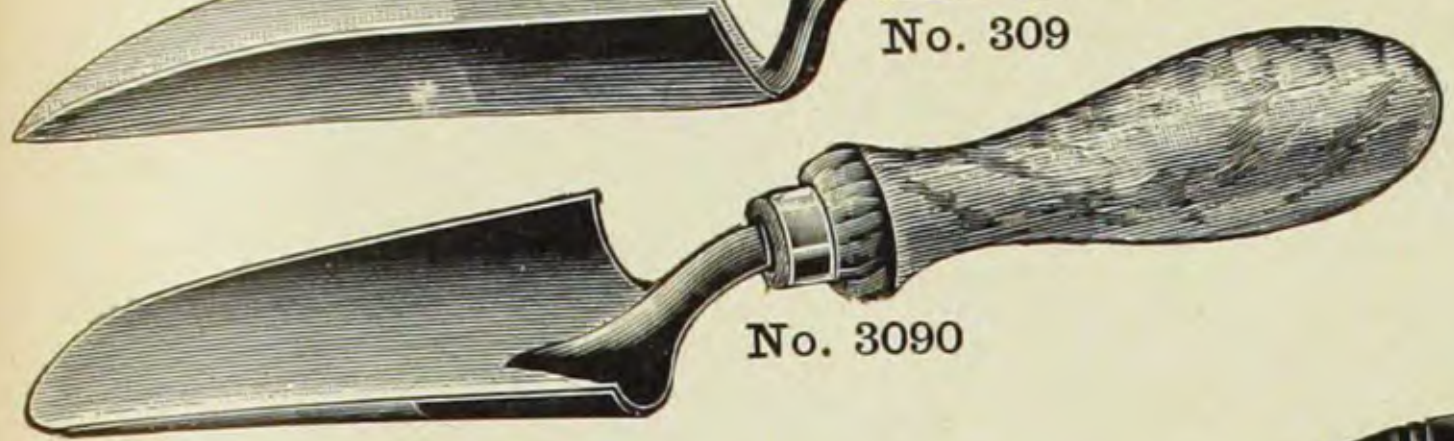
per dozen, \$2.50

One dozen in a crate.

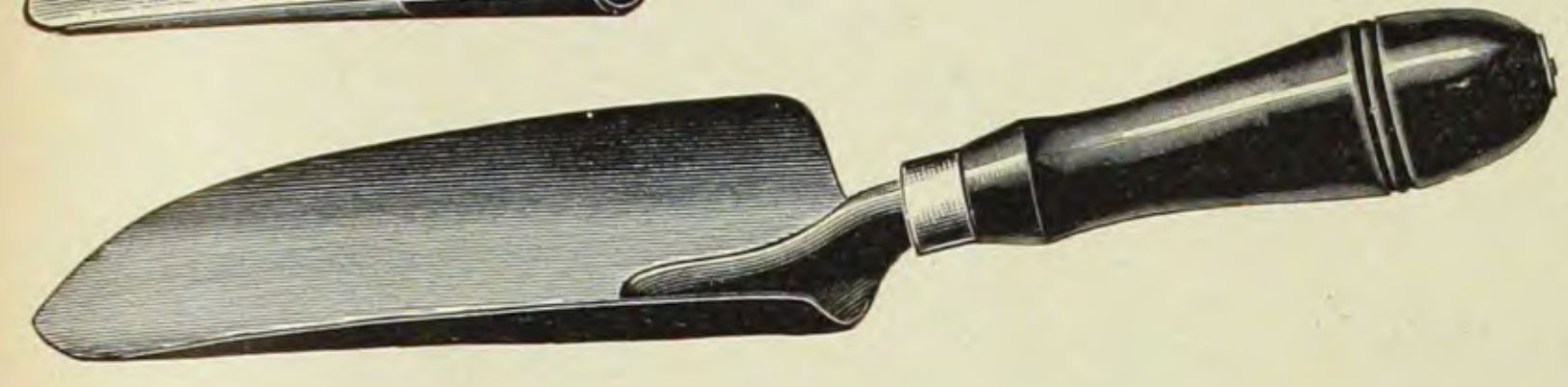




No. 309



No. 3090



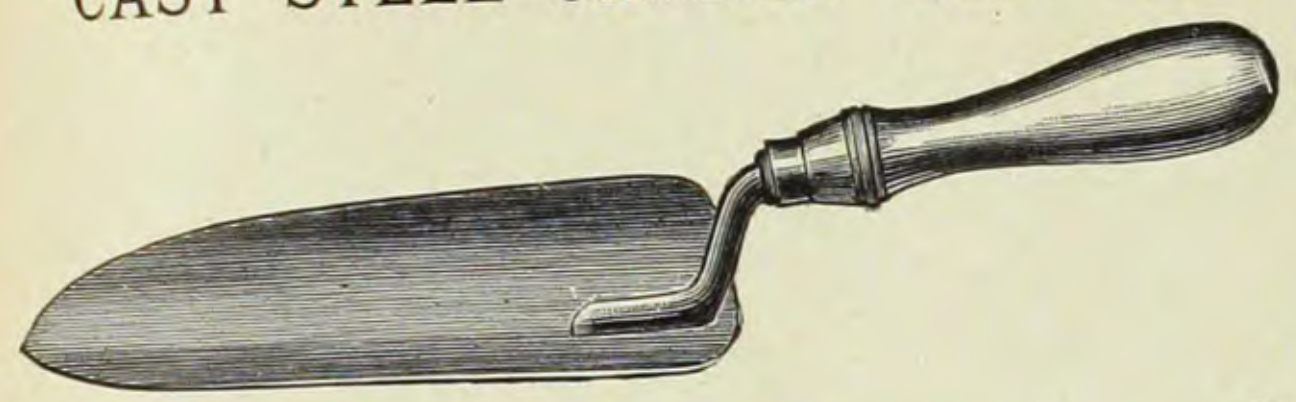
FORGED STEEL GARDEN TROWELS

Size, inches,	5	6
No. 309 per dozen,	\$5.75	6.00
Size, inches,	7	8
No. 309 per dozen,	\$6.25	6.50
Size, inches,	6	
No. 3090 per dozen,	\$3.50	
Half dozen in a box.		

SOLID STEEL GARDEN TROWELS

Size, inches,	5	6	7
Per gross,	\$9.00	11.00	13.50
One dozen in a box.			

CAST STEEL GARDEN TROWELS

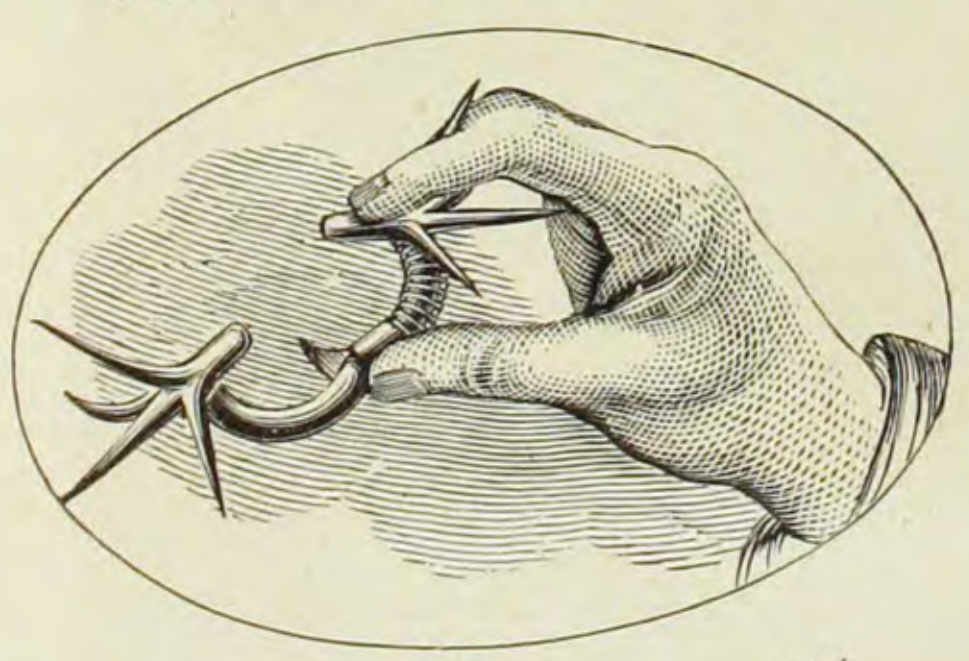


Size, inches,	5	6	7	8
Per dozen,	\$1.50	1.65	1.80	2.10

LADIES' FLOWER TROWELS

6 in. Narrow Blade, 1 3/4 in. wide, per dozen, \$1.50
One dozen in a box.

SCHLEY'S WEANERS

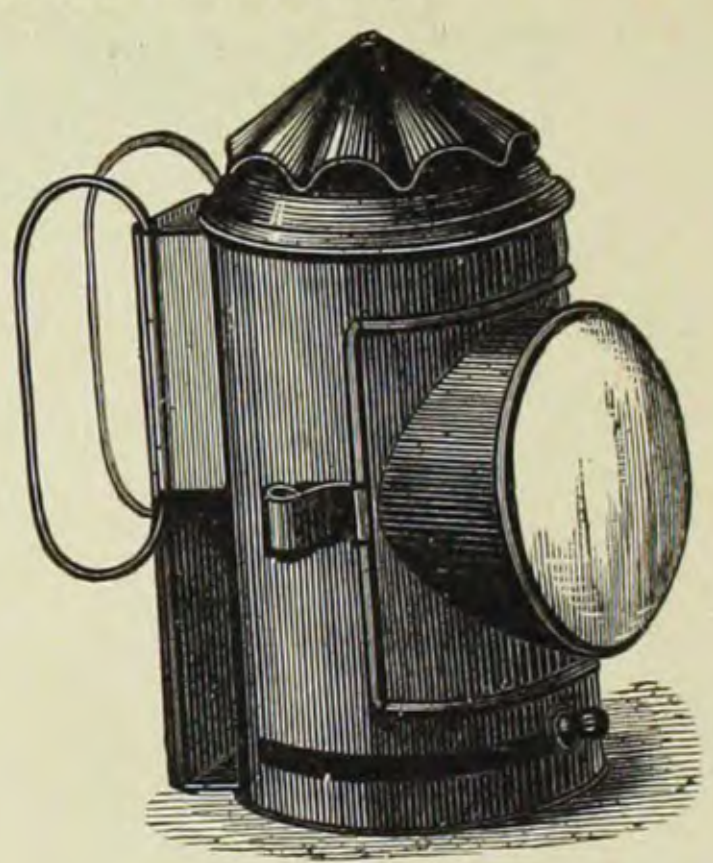


Nos.	1	2	2 1/2	3
Size,	1 to 4 mos.	4 to 8 mos.	Yearling.	Cow.
Per dozen,	\$4.00	4.00	6.50	7.50
One dozen in a box.				

WHEEL HEADS FOR SPINNING WHEELS

Brass Bushed and Varnished, per dozen, \$3.50
One dozen in a box.

POLICE LANTERNS



	Small.	Medium.	Large.
Height, inches,	7	8	8 3/4
Diameter, inches,	2 7/8	3 1/4	3 3/8
Per dozen,	\$6.00	7.00	8.00

SAFETY FUSE



	Per 1000 feet.
Common Hemp, for Dry Ground,	\$4.50
" Cotton, " " "	4.75
" " " " "	8.00
Single Taped, " Wet " "	
Double " " Very Wet Ground,	10.00
100 feet in a bundle.	



HOWARD RAZOR STROPS

COMBINATION



No.		Per dozen.
600	Finest Selected Leather, Extra Heavy Hone, Padded Cushion, Celluloid Handle,	
1	Extra Heavy Fine Leather, Fine Hone; also Patent Screw Handle, with Paste Cup,	\$12.00
2	First Quality Leather,	5.50
3	"Chas. Currier, Jr.," Heavy Leather,	4.50
4	"Faultless," Medium	3.50
55	"Eagle,"	2.75
		2.00



No.		Per dozen.
255	Fine Double Padded Cushion, with heavy Nickel Wire Frame, patented July 12, 1892,	
258	Fine Double Padded Cushion, Wood Handle,	\$6.00
		4.00



No.		Per dozen.
88	Fine Four-Sided Cushion, with Hone, also Nickel Ferrule, patented July 12, 1892,	
99	Extra Quality Leather, Hone and Finish, same style as 88; has Leather Case stamped in Gold,	\$6.50
		14.00



GERMAN BELT

No.		Per dozen.
625	Extra Heavy Fine Selected Leather, Nickel-plated Frame, Curved Metal Ends, Celluloid Handle,	
60	Czar, Genuine Russia Leather, with Patent Handle,	\$13.20
10	Made from the Finest Selected Leather, Curved Metal Ends and Patent Handle,	10.00
30	"Chas. Currier, Jr.," Medium Weight Stock,	4.50
40	"Standard," Medium Grade,	3.50
50	"Faultless,"	2.75
		2.25



HORSE TAIL

No.		Per dozen.
300	15 inches long, 1 3/4 inches wide, Extra Heavy,	
310	17 " " " 1 7/8 " " " " "	\$2.50
320	20 1/2 " " " 1 7/8 " " " " "	3.00
330	24 1/2 " " " 2 " " " " "	3.50
340	25 1/2 " " " 2 " " " " " Nickel	4.50
	Swivel,	
350	25 1/2 inches long, 2 1/8 inches wide, Extra Heavy, Adjustable Nickel Swivel,	6.00
		6.75



GENUINE EMERSON

No.		Per dozen.
B	13 1/2 inches, Fine Calf Leather, Oval and Flat Cushion, RED Caution Label,	
C	13 1/2 inches, GREEN Caution Label, one side Oval, the other Flat,	\$6.50
220	13 1/2 inches, Emerson Pattern,	2.75
		1.60

CUSHION

No.		Per dozen.
275	14 inches, Double Fine Cushion, Best Calfskin, Hardwood Handle, Leather Case, Stamped in Gold,	
250	14 inches, Double Fine Cushion, Black Enameled Handle, with Paste Cup,	\$11.00
		7.50



No.		Per dozen.
254	Patented. Traveler's Strop, Extra Fine Quality, Sliding Wire Handle, Separate Drawer for Razor, Leather Case, Stamped in Gold,	
		\$13.20



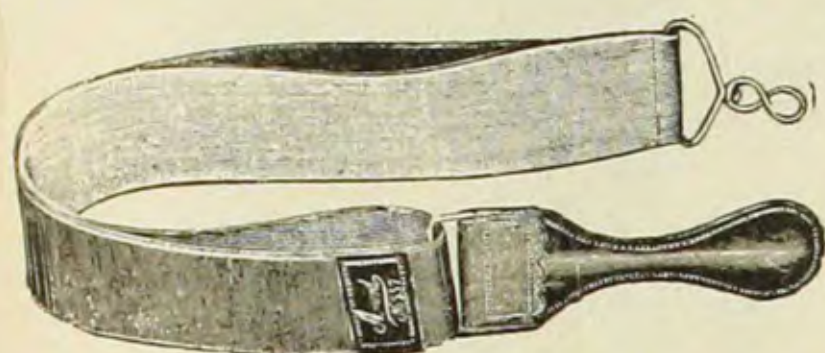
No.		Per dozen.
252	Patented. Traveler's Strop, Extra Fine Quality, Sliding Wire Handle, Leather Case, Stamped in Gold,	
		\$11.00

All above, half dozen in a box.

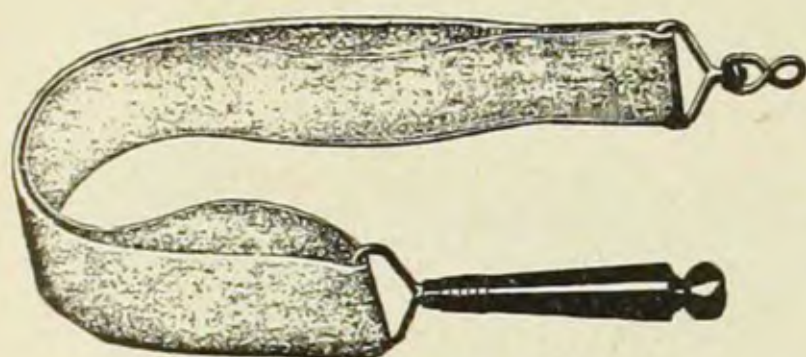


HOWARD RAZOR STROPS

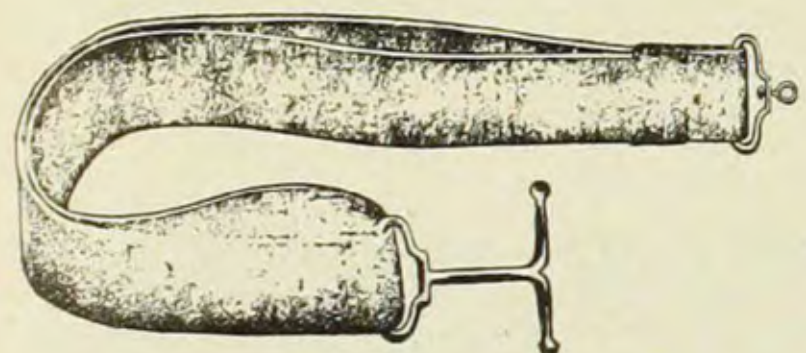
BARBERS' DOUBLE SWING



No.		Per dozen.
521	Polished Linen Hose and Genuine Imported Russia Leather, $2\frac{1}{8} \times 24\frac{1}{2}$, Stationary Nickel Swivel,	\$16.00
557	Woven Web and Oiled Leather, Nickel Swivel, $2\frac{1}{4} \times 26\frac{1}{2}$,	7.50
559	" " " Fine Buff " " " 2×25 ,	6.00
285	" " " " " " " 2×24 ,	5.50
286	" " " " Black " " " 2×24 ,	5.00
455	Polished Linen Hose, " " " 2×24 ,	7.00
427	" " " Buff " " " 2×24 ,	7.00
121	Folded Canvas, Black " " " $2 \times 23\frac{1}{2}$,	3.00
518	Polished Linen Hose and Oiled Leather, $2\frac{1}{8} \times 25$, Stitched Leather, Double Handle, and Removable Swivel.	12.00
522	Polished Linen Hose and Buff Leather, Stitched Leather, Double Handle, and Nickel-plated Wire Swivel.	12.00



No.		Per dozen.
528	Polished Linen Hose and Genuine Russet Horsehide, Wood Handle, Nickel-plated Wire Swivel, $2\frac{1}{8} \times 25\frac{1}{2}$.	\$11.00
548	Woven Web, Black Leather, $2 \times 24\frac{1}{2}$, Nickel-plated Swivel, Black Enameled Handle.	5.00
523	Woven Web and Imitation Horsehide, $2\frac{1}{4} \times 24\frac{1}{2}$, Wood Handle and Stationary Swivel.	6.50
570	Woven Web and Buff Leather, Nickel Swivel, 2×25 ,	5.50
49	Folded Canvas and Black Leather, Stationary Swivel, 2×24 ,	4.00
129	" " " " " " " 2×23 ,	2.50
Nos. 518, 522, 528, 548, 523, one in a box; others, half dozen.		

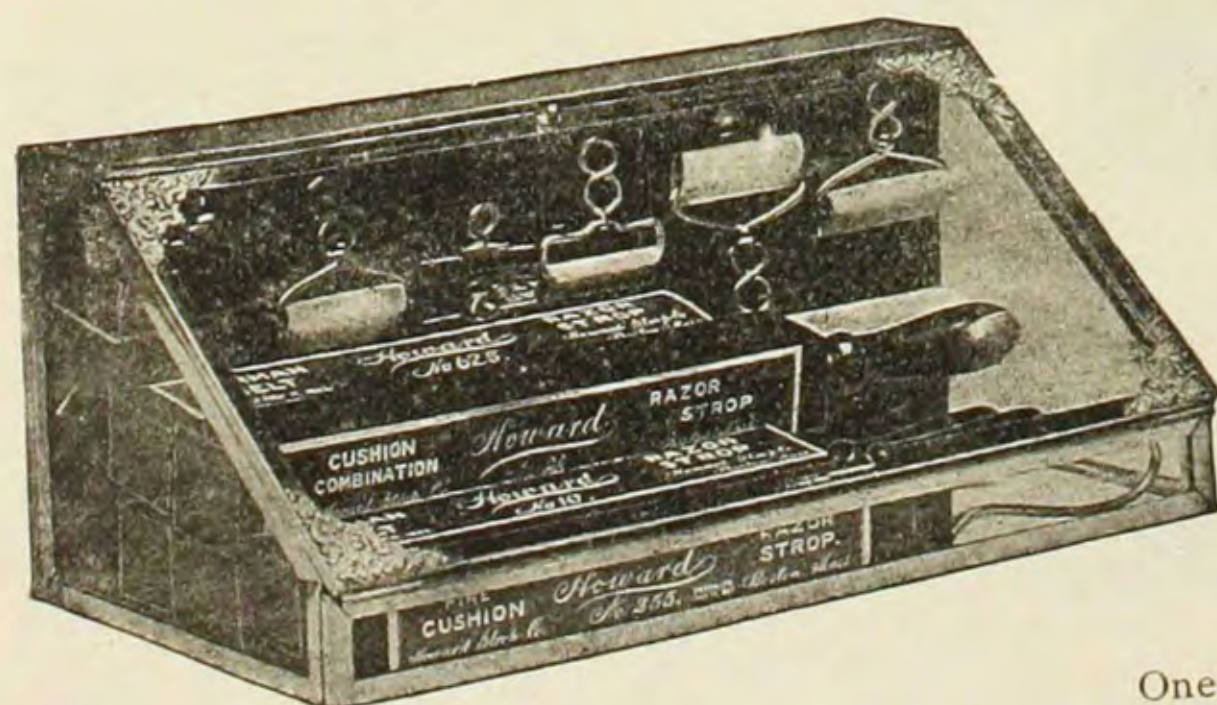


No.		Per dozen.
448	Folded Canvas, Black Leather, Stationary Swivel, 2×22 ,	\$4.00
830	" " " " " " " $2 \times 21\frac{1}{2}$,	2.75
835	" " " " " " " $2 \times 21\frac{1}{2}$,	3.35
840	" " Buff " " " " $2 \times 21\frac{1}{2}$,	3.35

BARBERS' LEATHER SWING



No.		Per dozen.
530	Plain Buff Leather, 2×24 ,	\$3.00
534	Extra Heavy Finished Horsehide, $2\frac{1}{8} \times 24$,	4.00
539	Gen. Black Cordovan " Satin Finish, 2×24 ,	3.00
542	Black Leather, Satin Finish, 2×24 ,	2.25
509	Polished Linen Hose, $2\frac{1}{8} \times 24$,	4.50
Half dozen in a box.		

NO. 915 NICKEL-PLATED SHOW CASE
CONTAINING ONE DOZEN RAZOR STROPS

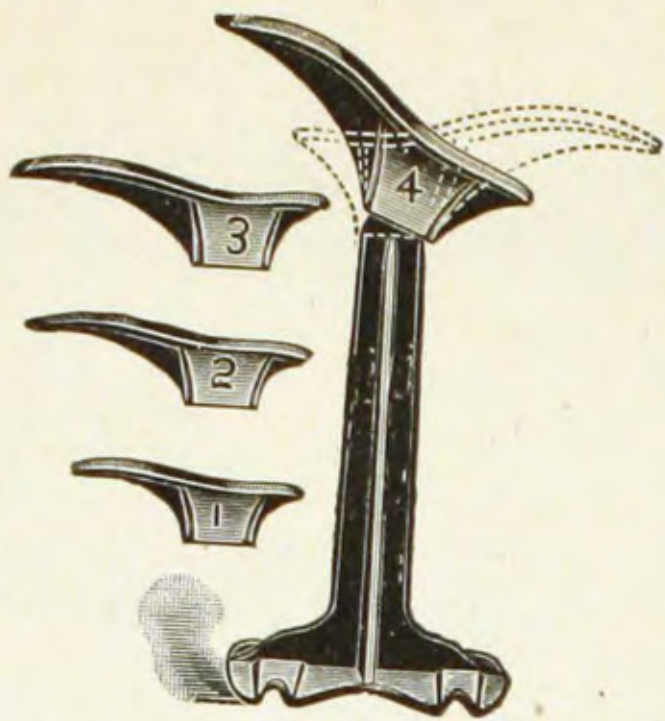
No.		at \$0.25
915	Swings,	.25
916	"	.50
917	"	.50
918	"	.75
919	"	.75
920	"	.25
4	Combination,	.75
1	"	.50
255	Cushion,	.75
88	"	.50
10	German Belt,	1.25
625	" " with Celluloid Handle,	

Size of Case, $15\frac{1}{2}$ inches long, $8\frac{1}{2}$ inches wide,
 $6\frac{3}{4}$ inches high, complete, per case, \$7.00

One in a box.

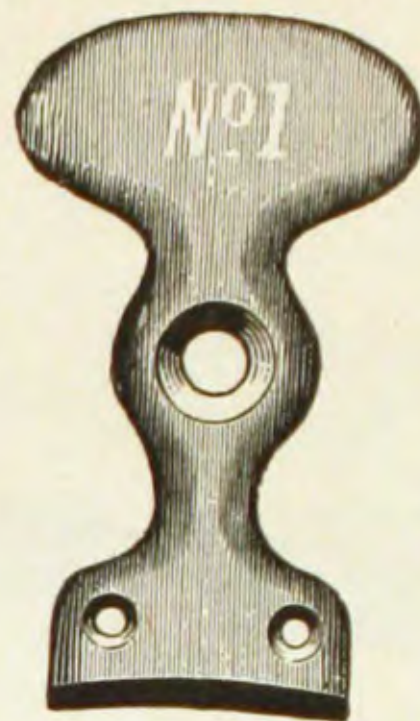


REVERSIBLE STANDS AND LASTS



No.	Per dozen sets.
1 14 inch, 3 Lasts (Nos. 1, 2, and 3),	\$5.30
2 14 " 4 " (Nos. 1, 2, 3, and 4),	7.20
3 26 " 3 " (Nos. 1, 2, and 3),	7.20
4 26 " 4 " (Nos. 1, 2, 3, and 4),	9.20

LYON'S HEEL STIFFENERS



No.	For 1 inch Heel,	Per gross.
1	For 1 inch Heel,	\$6.00
2	" 1 1/8 " "	6.00
3	" 1 1/4 " "	6.00
4	" 1 3/8 " "	6.00
5	" 1 1/2 " "	6.00
6	" 1 3/4 " "	6.00

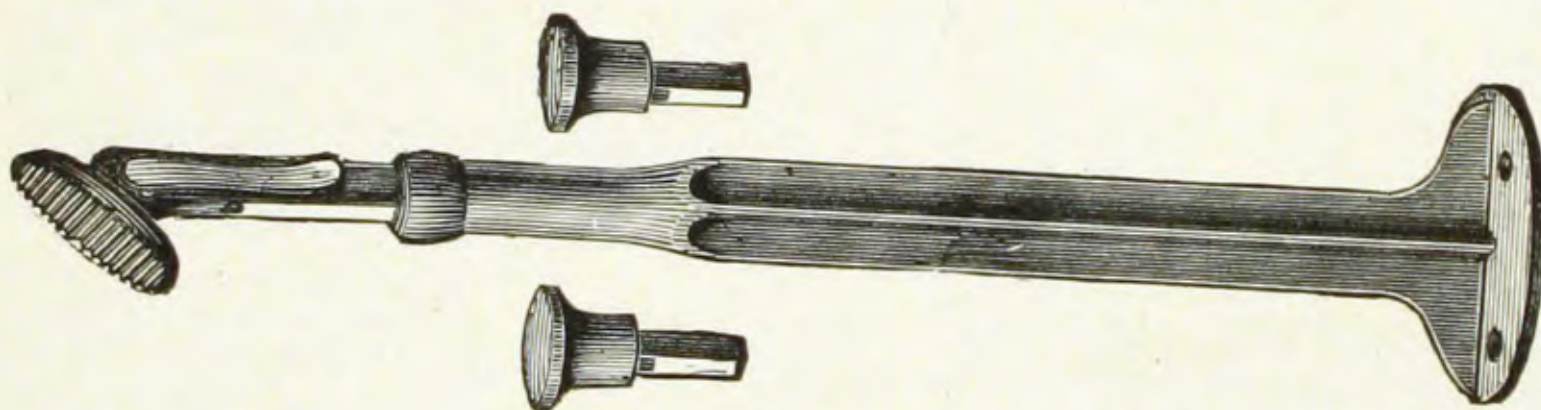
One dozen in a box.



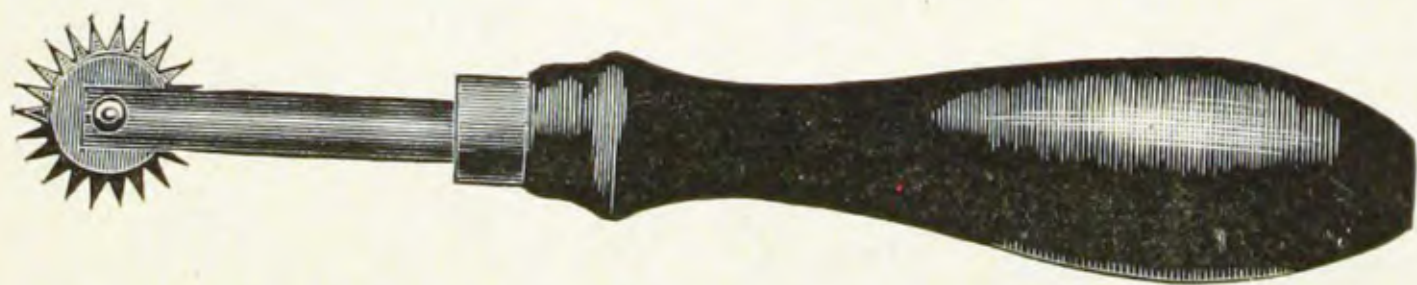
PEG BREAKS, OR CUTTERS

No.	Per dozen.
166 Case-hardened,	\$3.75
162 Cast Steel,	4.00
171 Swivel,	6.25

Half dozen in a package.

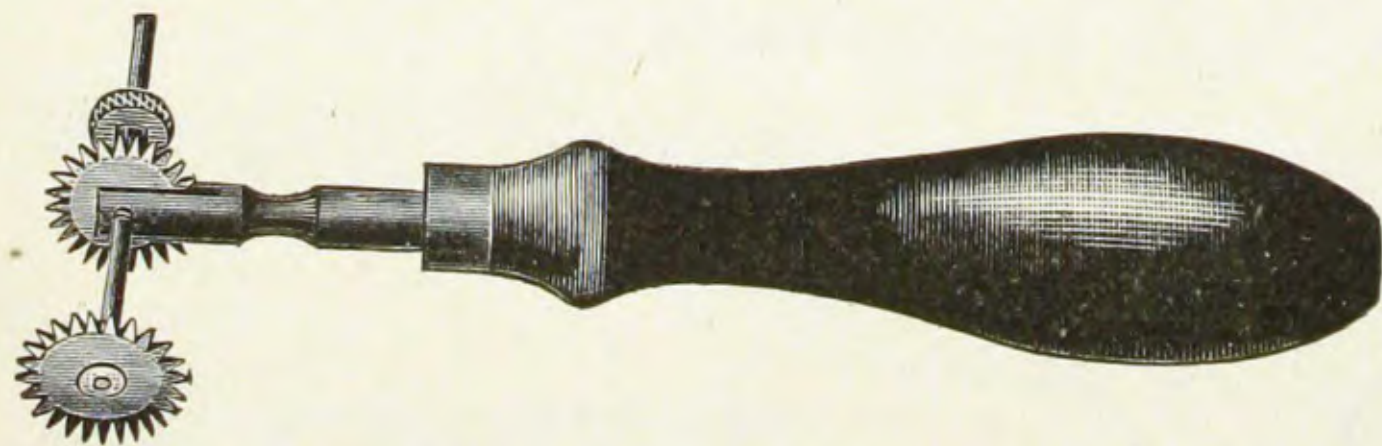


173 Standard, Cast Steel Cutters,	20.00
174 Standard, Cast Steel Cutters, with Last,	22.50



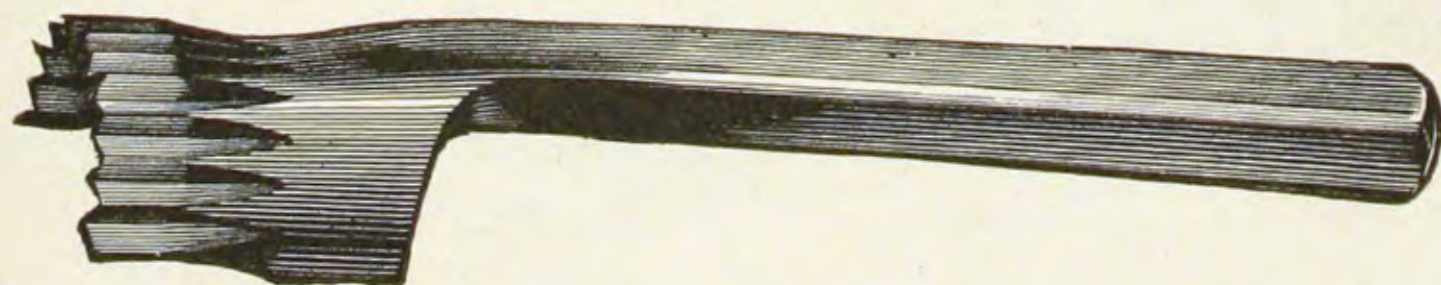
TRACING WHEELS

No.	Per gross.
1 Plain,	\$12.00



No.	Per gross.
3 Adjustable,	24.00

One dozen in a box.



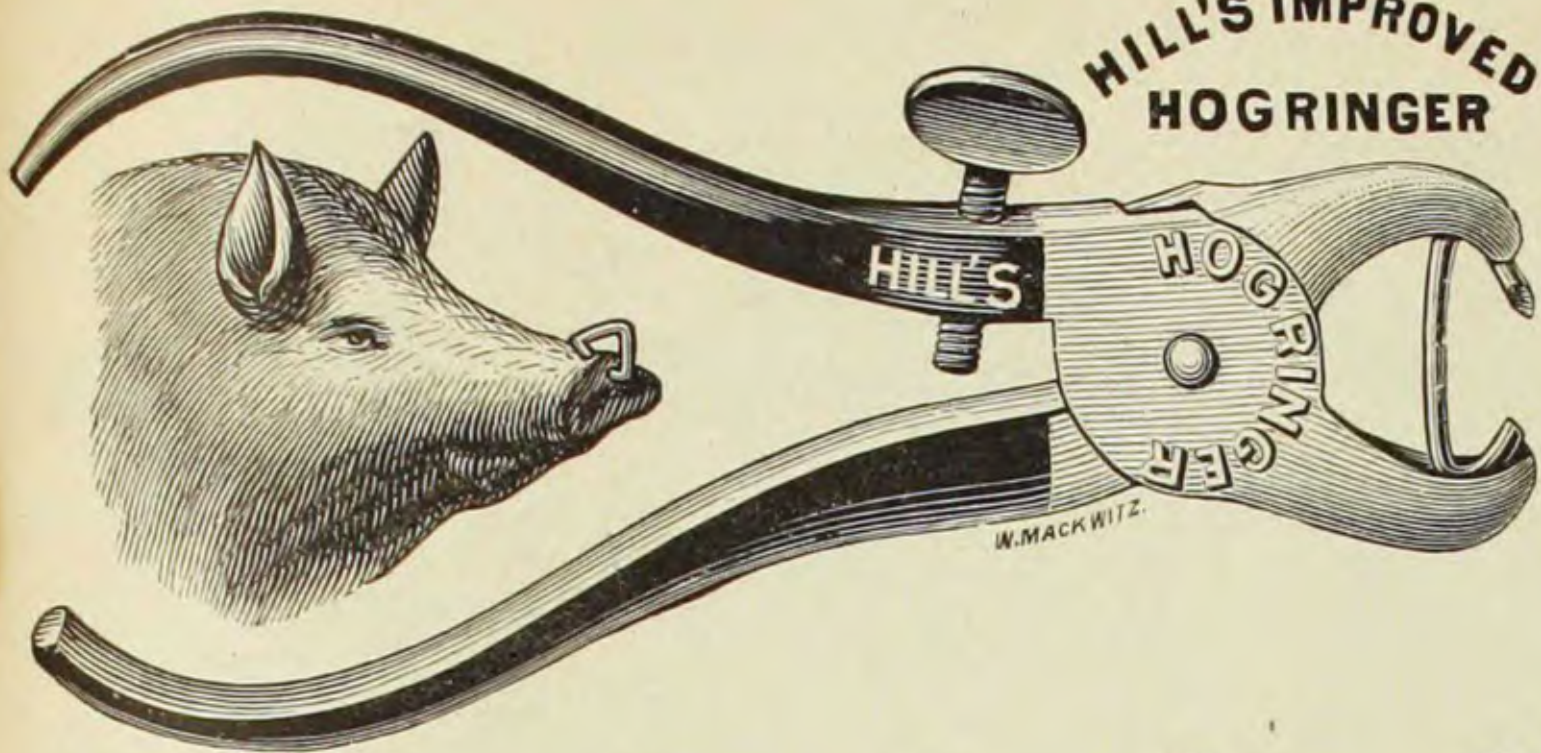
PINKING IRONS

Size, inches,	Per dozen.
3/8, 1/2, 5/8, 3/4, 7/8, and 1,	\$1.20
Assorted,	1.20

One dozen in a box.



HILL'S IMPROVED
HOG RINGER



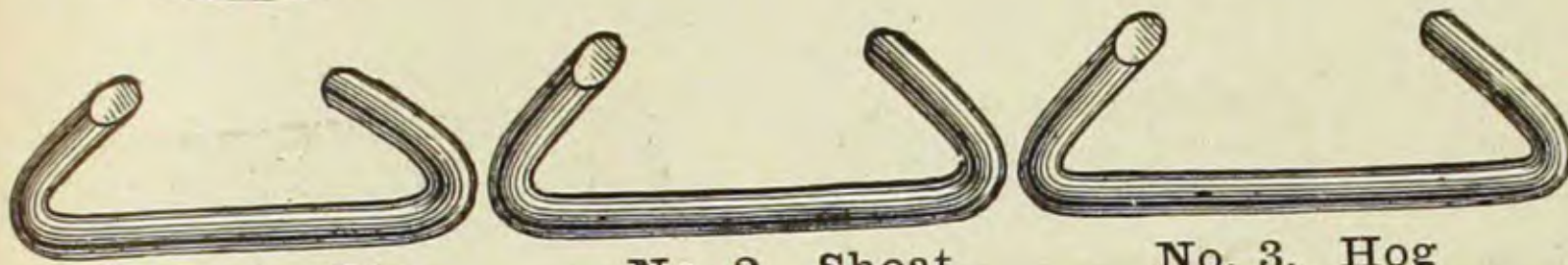
HILL'S IMPROVED HOG
RINGERS

CLOSES ALL SIZES OF HILL'S HOG
RINGERS

Malleable Iron, per doz., \$4.00
Gray Iron, " " 3.25
One dozen in a package.

HILL'S TRIANGULAR
RINGERS

COPPERED



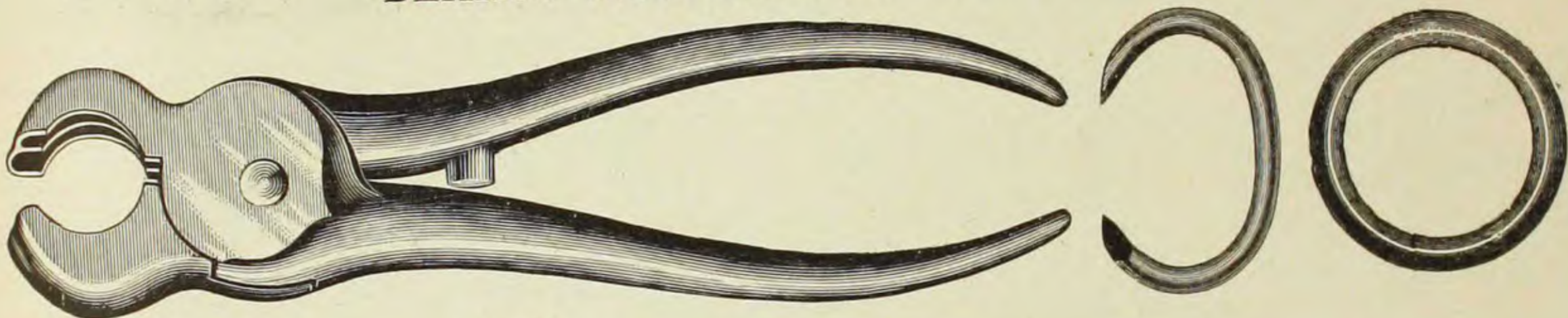
No. 1. Pig

No. 2. Shoat

No. 3. Hog

Nos. 1 2 3
Per doz. boxes, \$2.10 2.10 2.10
100 in a box, one dozen boxes in a
package.

BLAIR'S HOG RINGERS AND RINGS



Blair's

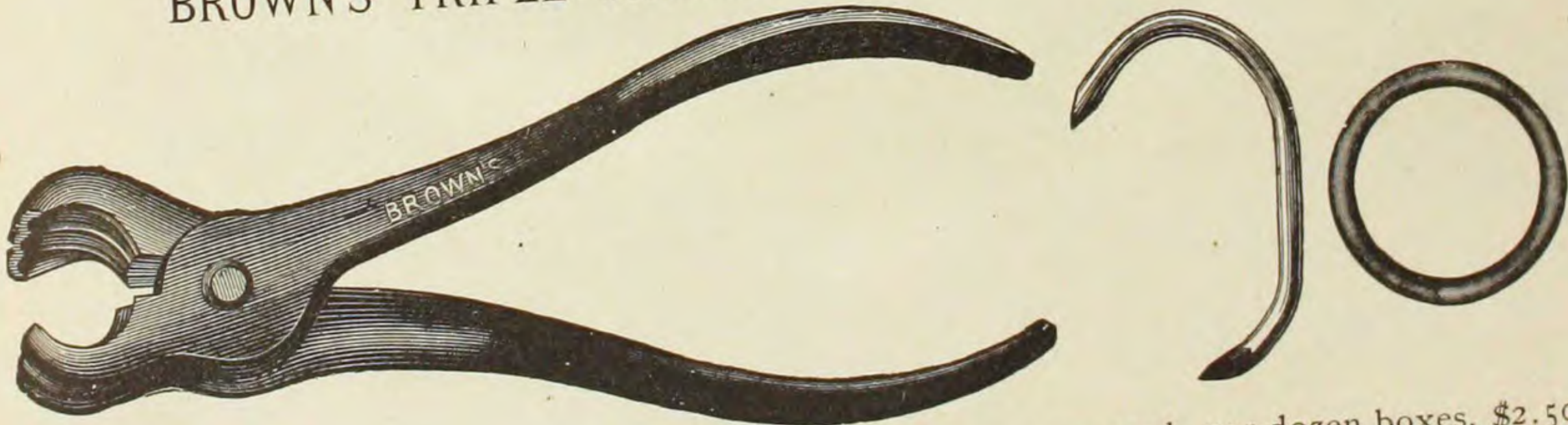
Blair's Ringers,
Boss

Boss
per dozen, \$4.25
" " 4.25

Half dozen in a box.

Hog Rings, Coppered, per dozen boxes, \$2.50
Pig " " " " 2.50
100 in a box, one dozen boxes in a package.

BROWN'S TRIPLE GROOVE HOG RINGERS AND RINGS



Brown's Ringers,

One dozen in a box.

per dozen, \$4.00

Hog Rings, coppered, per dozen boxes, \$2.50
Pig " " " " 2.50
100 in a box, one dozen boxes in a package.



RIM FIRE METALLIC CARTRIDGES



No.	Per 1000.	No.	Per 1000.	No.	Per 1000.	No.	Per 1000.	No.	Per 1000.
22 BB Caps,	\$4.00	32 Short,	\$10.00	38 Long,	\$18.00	56-46 Spencer,	40.00	22 Short,	\$6.25
22 CB Caps,	4.50	32 Long,	11.50	38 Extra Long,	25.00	56-50 Spencer,	40.00	22 "Mushroom,"	6.75
22 Short,	5.00	32 Extra Long,	16.50	41 Short,	15.00	56-52 Spencer,	40.00	50 in a box.	
22 Long,	6.00	38 Short,	16.00	41 Long,	17.50	56-56 Spencer,	40.00		

CENTRAL FIRE METALLIC CARTRIDGES



No.	Per 1000.	No.	Per 1000.	No.	Per 1000.
32 S. & W.,	\$11.00	38 S. & W.,	\$13.50	44 S. & W., No. 3 Russian,	\$20.00
32 Short Colt's,	11.00	38 Winchester,	19.00	44 Winchester,	19.00
32 Long Colt's, Inside Lub.	12.00	38 Long Colt's,	14.50	44 Colt's M. R.,	19.00
32 Long Rifle,	12.00	38 Colt's M. R.,	19.00	44 Webley,	16.50
32 Winchester,	16.00	38-40 Marlin,	19.00	44-40 Marlin,	19.00
32 S. & W., Long, Self-Lub.,	13.50	41 Long Colt's,	17.50	45 S. & W.,	25.00
32 Colt's M. R.,	16.00	44 S. & W., No. 3 American,	19.00	45 Colt's U. S. A.,	22.00
32-20 Marlin,	16.00				

REVOLVER AND RIFLE

TARGET AND SPORTING

No.	Per 1000.	No.	Per 1000.
32-40 Winch., Mar. and Bal.,	\$27.00	45-70 Gov't S. H., New Model,	\$38.00
38-55 Winch., Mar. and Bal.,	33.00	45-60 Winchester,	33.00
38-56 Winchester, Marlin,	33.00	45-75 " "	35.00
40-60 Marlin Magazine,	33.00	45-90 " " and Marlin,	36.00
45-70 " "	35.00	45-60 Colt's M. R.,	33.00
45-85 " "	37.00		

MILITARY

No.	Per 1000.
45 Government Solid Head,	\$35.00
45 Gov't S. H., New Model,	38.00
50-70 Government Carbine,	37.00

SMOKELESS REVOLVER AND RIFLE

No.	Per 1000.
32 S. & W.,	\$12.00
32 Long Colt's,	13.50
32-20 *Winchester, Marlin, or Colt's, Metal Cased,	20.00
38 S. & W.,	15.50
38 Long Colt's,	16.50
38-40 *Winchester, Marlin, or Colt's, Metal Cased,	24.00
41 Long Colt's,	20.00
44-40 *Winchester, Marlin, or Colt's, Metal Cased,	24.00
45 Colt's,	24.50

SMOKELESS MILITARY AND SPORTING

No.	Per 1000.
30-30-160 Winchester and Marlin,	\$38.00
30-30-170 " "	38.00
30-30-117 " " Short Range,	30.00
30-195 Savage,	38.00
30-182 " "	38.00
30-185 " "	38.00
30-100 " Miniature,	35.00
38-55-255 *Winchester and Marlin, Metal Cased,	40.00

* These can be made with Soft Point or Mushroom Bullets, if desired.

GUN WADS



Gauge, No.	8	9	10	11 to 20
Black Edge, per 1000,	.80	.70	.70	.60
Pink " "	1.50	1.25	1.25	1.00
Card Board, " "	.26	.22	.22	.18
Salmon " "	.80	.70	.70	.60
White Felt, " "	4.00	3.00	3.00	2.75

White Felt, 125 in a box; others, 250.

PERCUSSION CAPS

	per 1000,
G. D. Caps,	\$0.40
F. C. " "	.50
U. M. C. Foil-Lined, Waterproof Caps,	.70
Musket Caps,	.80

All except G D are in tin boxes.

PRIMERS

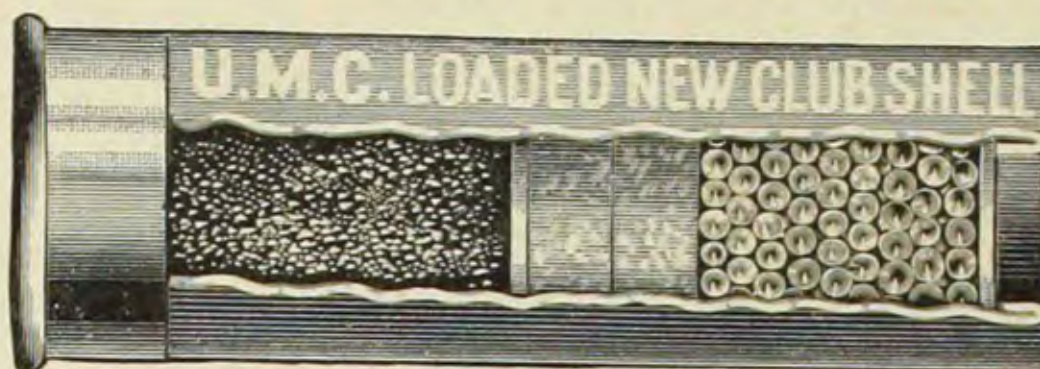
No.	Per 1000.
0 Copper,	\$2.00
1 " "	2.00
1 1/2 Brass,	2.00
2 Copper, for "New Club," "Black Club," and Brass Shot Shells,	2.00
2 1/2 Brass, for Sporting and Military Cartridges,	2.00
3 For Smokeless and other High Grade U. M. C. Paper Shells,	2.00
5 For Nitro and High Base Brand Paper Shells,	2.00
6 Copper, for Smokeless Powder Cartridges,	2.00
6 1/2 Brass, " " " "	2.00
7 Copper, " " " "	2.00
7 1/2 Brass, " " " "	2.00
8 1/2 Brass, for High Pressure Smokeless Powder Cartridges, with Metal Cased Bullets,	2.00

U. M. C. Primers 1, 1 1/2, 6, and 6 1/2 are the same size.
U. M. C. Primers 2, 2 1/2, 7, 7 1/2, and 8 1/2 are the same size.
250 in a box.



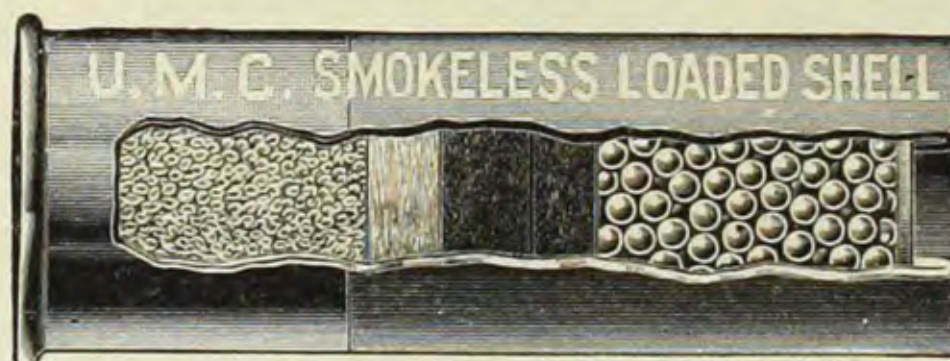
U. M. C. LOADED SHELLS

987



10-GAUGE. BLACK POWDER					12-GAUGE. BLACK POWDER				
Load No.	Weight of Powder.	Weight of Shot.	Size of Shot.	Per 1000.	Load No.	Weight of Powder.	Weight of Shot.	Size of Shot.	Per 1000.
208	3½ drs.	1⅛ oz.	8	\$28.00	288	4½ drs.	1⅛ oz.	8	\$30.00
226	3¾	1⅛	6	28.50	294	4½	1¼	4	31.00
228	3¾	1⅛	8	28.50	295	4½	1¼	5	31.00
247	4	1⅛	7	29.00	296	4½	1¼	6	31.00
248	4	1⅛	8	29.00	298	4½	1¼	8	31.00
249	4	1⅛	9	29.00	321	5	1⅛	1	31.00
256	4	1¼	6	30.00	322	5	1⅛	2	31.00
258	4	1¼	8	30.00	353	5	1⅛	BB	33.00
266	4¼	1⅛	6	29.50	352	5	1¼	BB	34.00
267	4¼	1⅛	7	29.50	16-GAUGE				
268	4¼	1⅛	8	29.50					
274	4¼	1¼	4	30.50					
275	4¼	1¼	5	30.50					
276	4¼	1¼	6	30.50					
277	4¼	1¼	7	30.50					
278	4¼	1¼	8	30.50	538	2½ drs.	⅞ oz.	8	24.50
285	4½	1⅛	5	30.00	539	2½	⅞	9	24.50
286	4½	1⅛	6	30.00	587	2¾	1	7	26.00
287	4½	1⅛	7	30.00	588	2¾	1	8	26.00
					614	3	1	4	26.50
					616	3	1	6	26.50

The above loads are formulated with great care, and should meet requirements. Other combinations with Black Powder will be supplied when desired. The terminal figure of Load Number signifies size of shot.
25 in a box; 500 in a case.



SMOKELESS SHELLS

12-GAUGE. NITRO POWDER

Load No.	Weight of Powder.	Weight of Shot.	Per 1000.
01	2½ drs.	1 oz.	\$46.00
1	2½	1⅛	47.00
2	2¾	1⅛	47.50
3	2¾	1¼	48.50
4	3	1⅛	48.00
5	3	1¼	49.00
6	3¼	1¼	49.50

10-GAUGE

7	3¼ drs.	1⅛ oz.	56.00
8	3¼	1¼	57.00
9	3½	1¼	57.50
0	3¾	1¼	58.00
00	3½	1⅛	56.50

16-GAUGE

016	2½ drs.	1 oz.	46.00
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ACME SHELLS

LAFLIN & RAND

NO. 1 (DENSE).

SMOKELESS POWDER LOADS

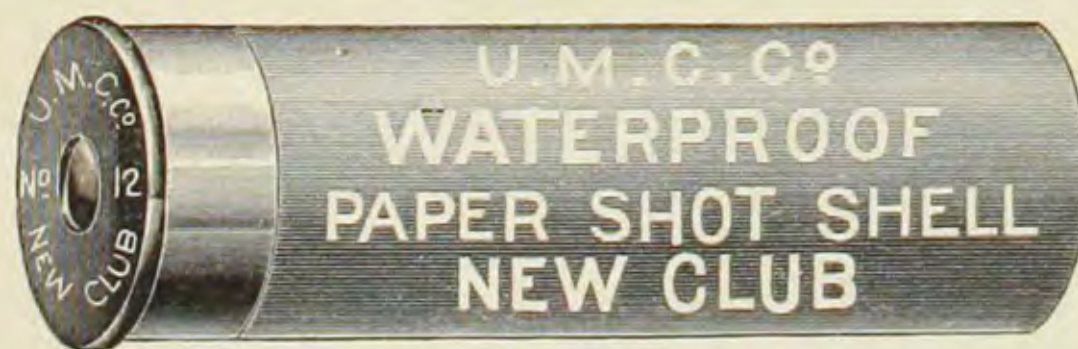
Load No.	Gauge.	Powder	Shot.	Per 1000.
1	12	37 and 40 grs.	1 oz.	\$46.50
2	12	37 " 40 "	1⅛ "	47.50
3	12	40 " "	1¼ "	48.50
4	12	42 " "	1⅛ "	48.00
5	12	42 " "	1¼ "	49.00
6	12	45 " "	1⅛ "	48.50
7	12	45 " "	1¼ "	49.50
8	10	50 and 53 "	1⅛ "	56.50
9	10	50 and 55 "	1¼ "	57.50
10	16	35 " "	1 "	46.00

25 in a box; 500 in a case.

GOLD DUST POWDER LOADS

Load No.	Gauge.	Powder.	Shot.	Per 1000.
1	12	40 grs.	1 oz.	\$46.50
2	12	40 " "	1⅛ "	47.50
3	12	42 " "	1⅛ "	48.00
4	12	42 " "	1¼ "	49.00
5	12	44 " "	1⅛ "	48.50
6	12	44 " "	1¼ "	49.50
*6½	12	48 " "	1⅛ "	49.00
*7	12	48 " "	1¼ "	50.00
8	10	54 " "	1⅛ "	56.50
9	10	54 " "	1¼ "	57.50
10	10	60 " "	1¼ "	58.00
11	16	34 " "	1 "	46.00

*2¾ inch Special.
Order by Number and state Size of Shot.



PAPER SHOT SHELLS

NEW CLUB FOR BLACK POWDER

No.	Gauge.	Per 1000.
10	2⅝ to 2⅞ in.	\$9.00
12	2⅝ in.	8.00
12	2¾ to 3 in.	9.00

SMOKELESS SALMON

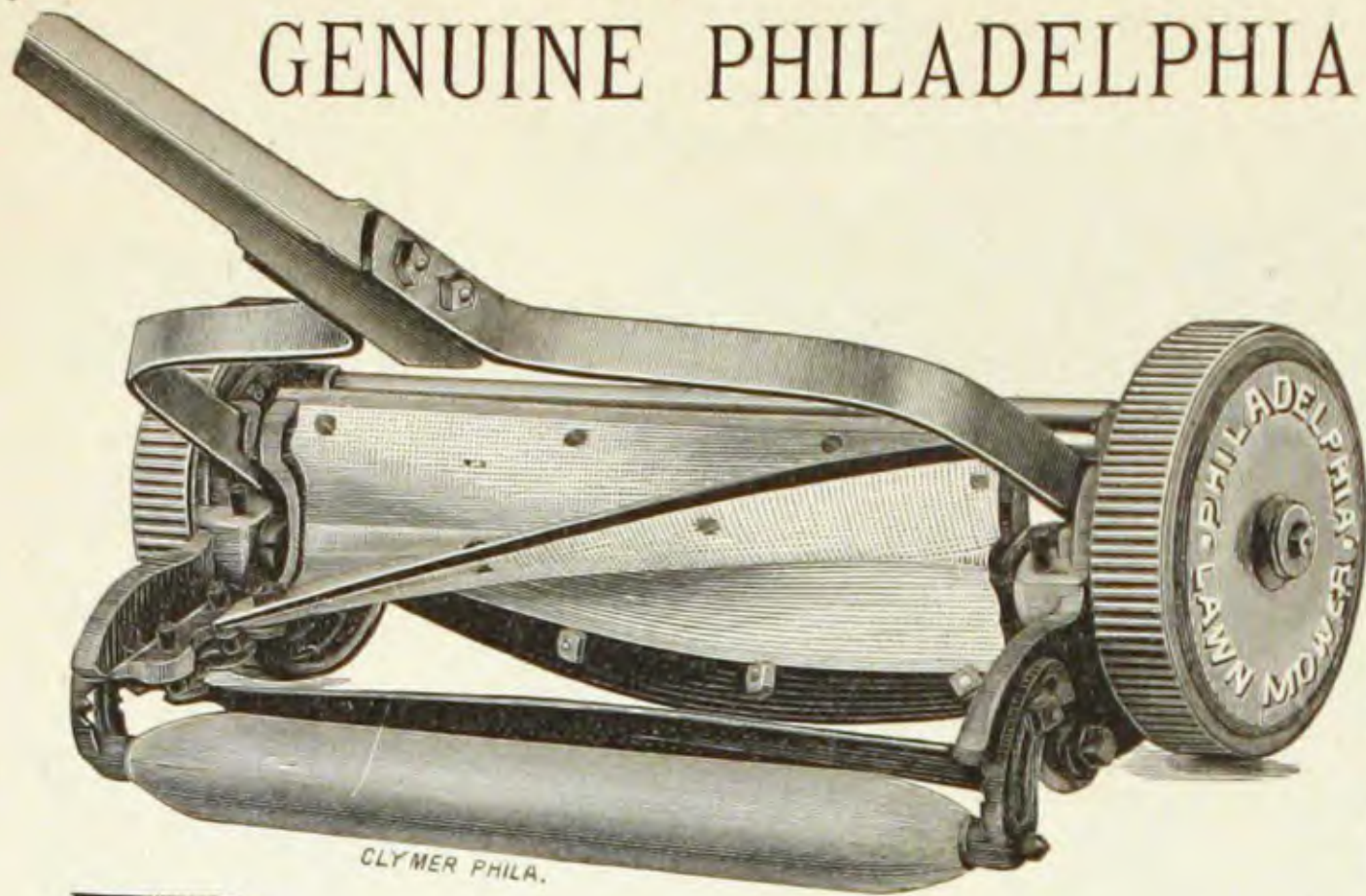
No.	Gauge.	Per 1000.
10	2⅝ to 2⅞ in.	\$14.50
12	2⅝ in.	13.50
12	2¾ to 3 in.	14.50

ACME MAROON

No.	Gauge.	Per 1000.
10	2⅝ in.	\$14.50
12	2⅝ "	13.50
12	2¾ "	14.50



GENUINE PHILADELPHIA LAWN MOWERS



STYLE D

Three Blades, Solid Wiper, with the Steel Blades Bolted on.

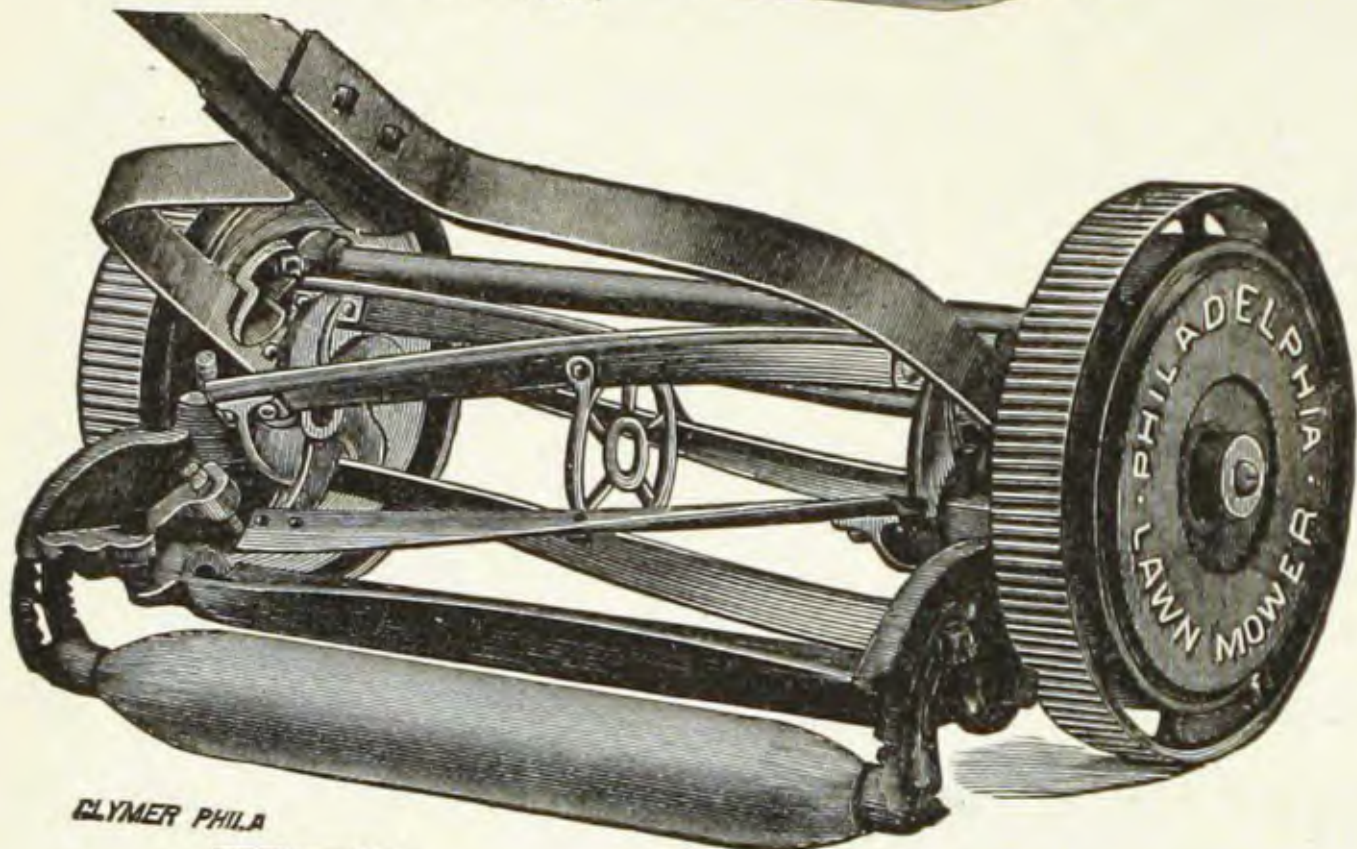
DIAMETER OF WHEELS, 6½ INCHES

Width of Cut, inches,	10	12
Each,	\$13.00	15.00

STYLE M

DIAMETER OF WHEELS, 7 INCHES

Width of Cut, inches,	14	16
Each,	\$17.00	19.00
Width of Cut, inches,	18	20
Each,	21.00	23.00

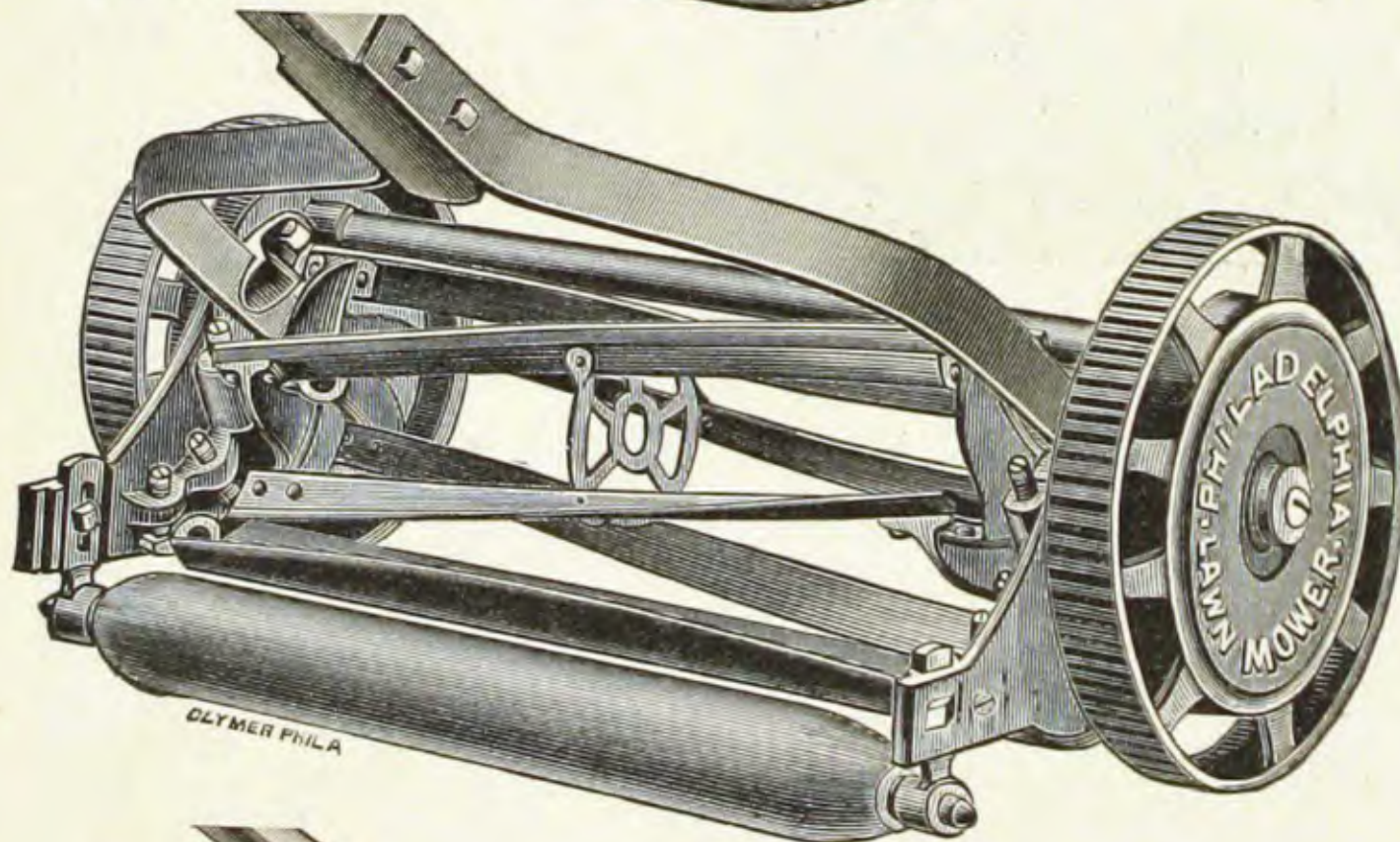


STYLE C

Medium High Wheel, Four Blades, Open Wiper, with Patent Corrugated Cast Steel Blades.

DIAMETER OF WHEELS, 8½ INCHES

Width of Cut, inches,	14	16
Each,	\$17.00	19.00
Width of Cut, inches,	18	20
Each,	21.00	23.00

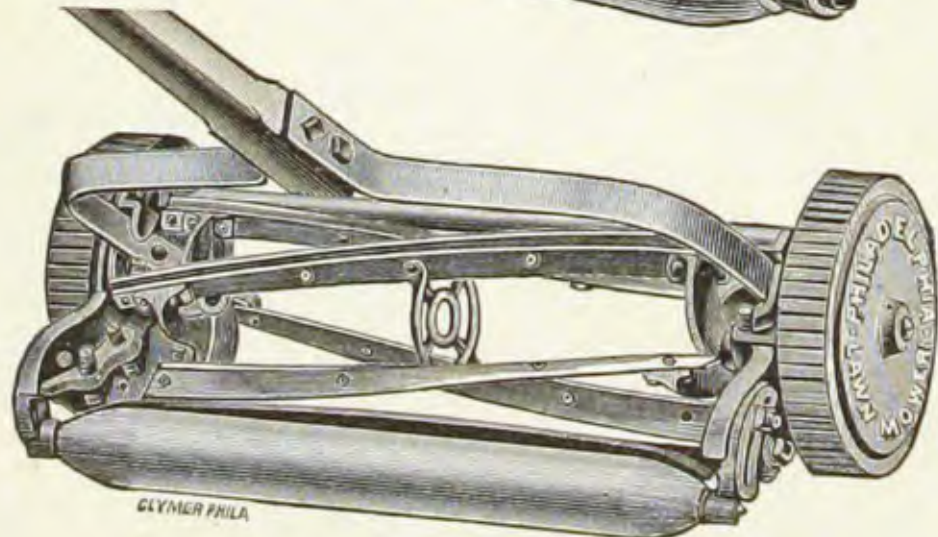


STYLE K

High Wheel, Five Blades, Open Wiper.

DIAMETER OF WHEELS, 10 INCHES

Width of Cut, inches,	14	16
Each,	\$20.00	22.00
Width of Cut, inches,	18	20
Each,	24.00	26.00

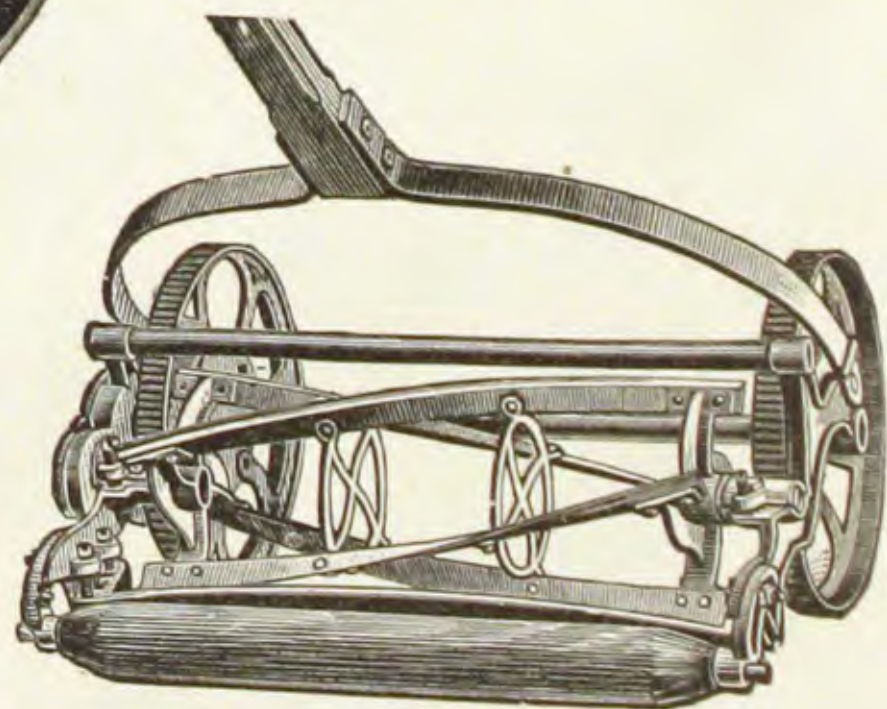


STYLE T

Four Blades, Open Wrought Wiper, with the Steel Blades Bolted on.

DIAMETER OF WHEELS, 7 INCHES

Width of Cut, in.,	14	16	18	20
Each,	\$17.00	19.00	21.00	23.00



STYLE A

All Steel, High Wheel, Four Blades, Open Wiper.

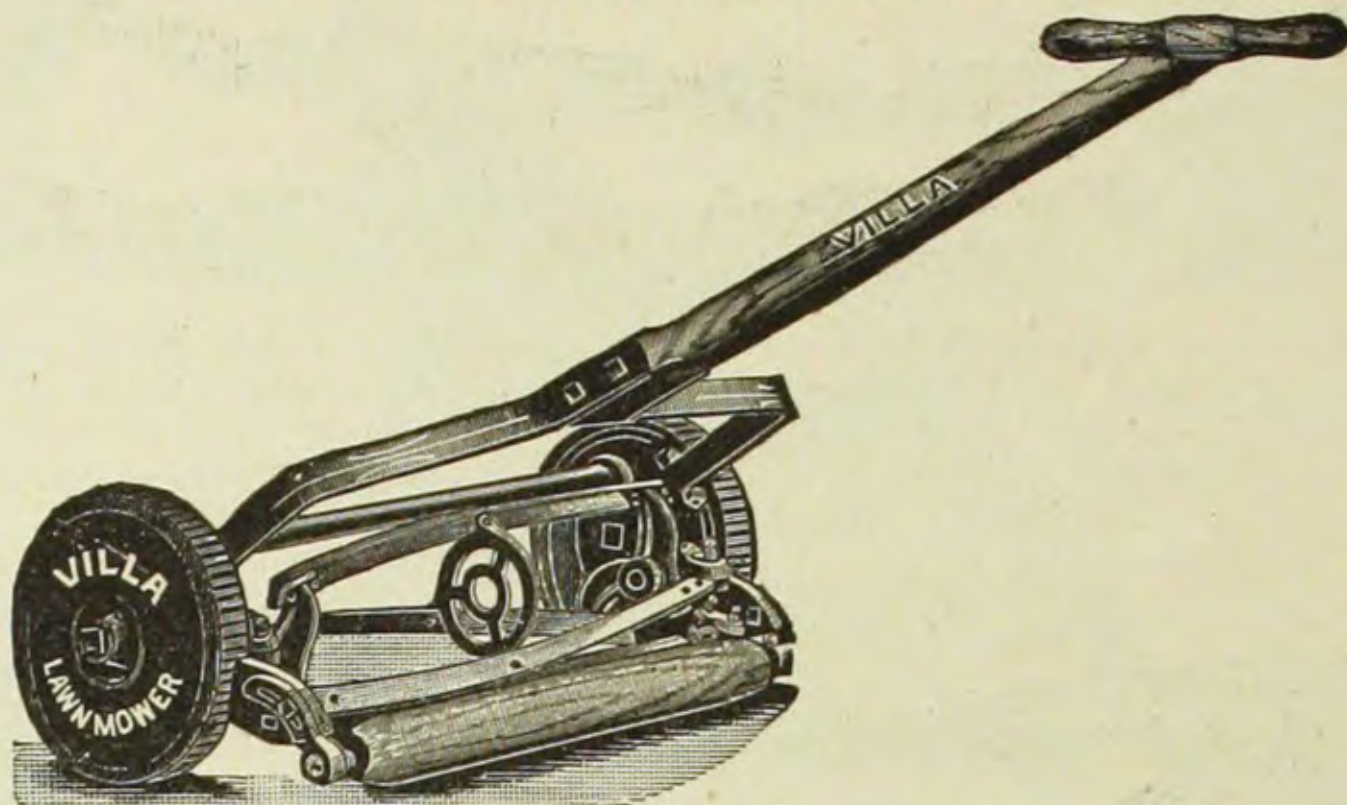
DIAMETER OF WHEELS, 10 INCHES

Width of Cut, in.,	15	17	19	21
Each,	\$25.00	28.00	31.00	34.00



VILLA LAWN MOWERS

989



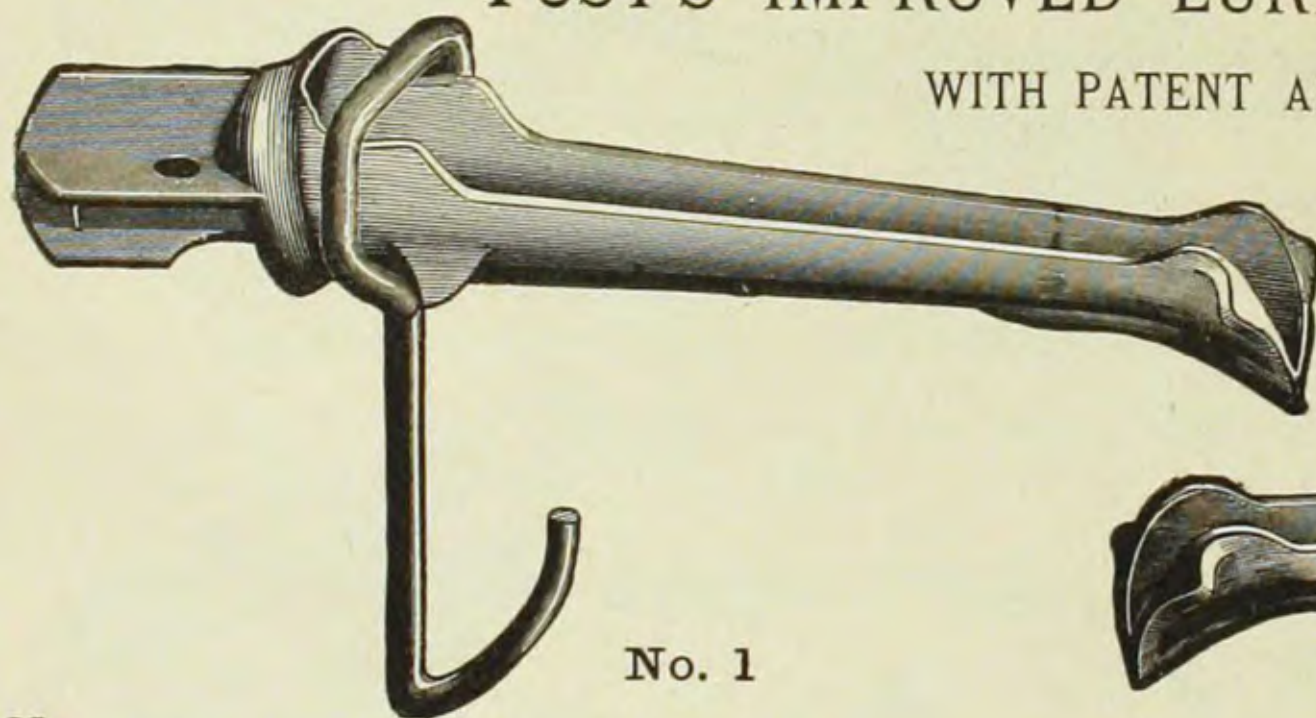
These Mowers are constructed of best material, with Sectional Boxes and Adjustable Caps.
Three Blades, Open Wiper.

DIAMETER OF WHEELS, 8 INCHES.

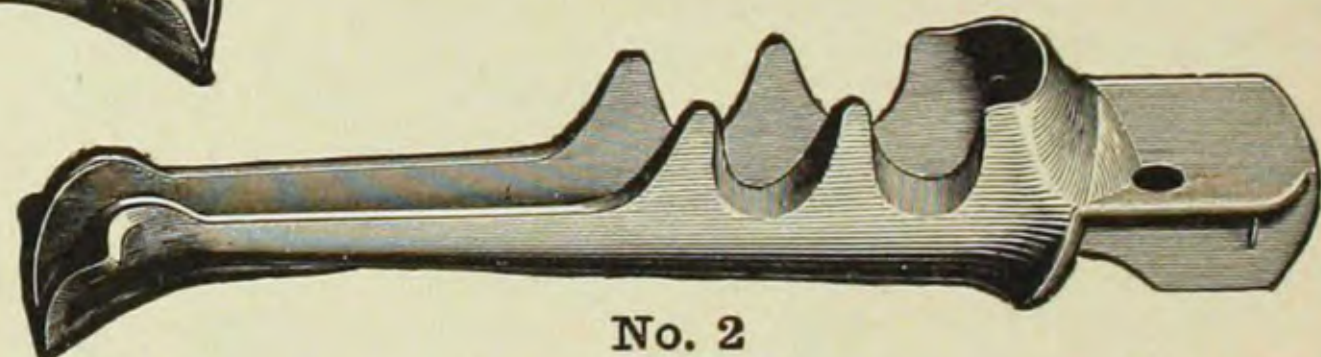
Width of Cut, inches, Each,	10	12	14	16	18
	\$8.00	8.00	8.25	8.50	9.00

POST'S IMPROVED EUREKA SAP SPOUTS

WITH PATENT AIR TRAP



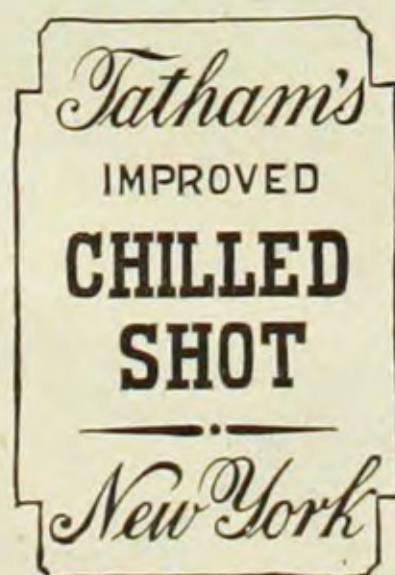
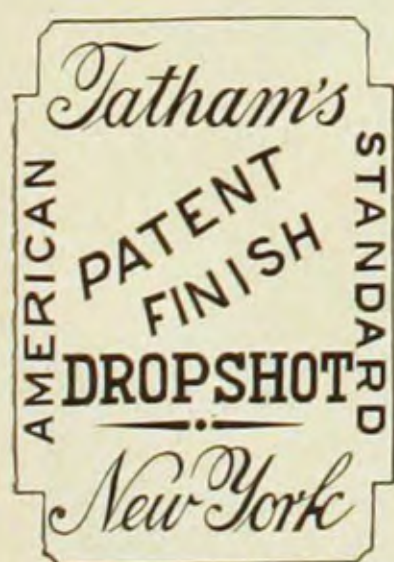
No. 1



No. 2

No.		Per 1,000.
1	With Heavy Wire Hanger,	\$25.00
2	“ Two Deep Notches to Hang Buckets having Large Rings,	23.00
	1,000 in a case.	

These Spouts, on account of Patent Air Trap and being conductors of heat, do not freeze, and continue to flow until the sap in the tree stops circulating by freezing.



TATHAM'S PATENT FINISH SHOT

DROP SHOT

Nos.	Fine Dust,	Dust,
Nos. 12 11 10 9 8 7 6 5 4 3 2 1		
Nos. B BB BBB T TT F FF		

(Per Bag.)
5 lbs. 25 lbs.
\$ \$

CHILLED SHOT

Nos. 12 11 10 9 8 7 6 5 4 3 2 1

BUCK SHOT

Nos. 4 3 2 1 0 00 000 Balls

GRIP WIRE STRETCHERS

MALLEABLE IRON

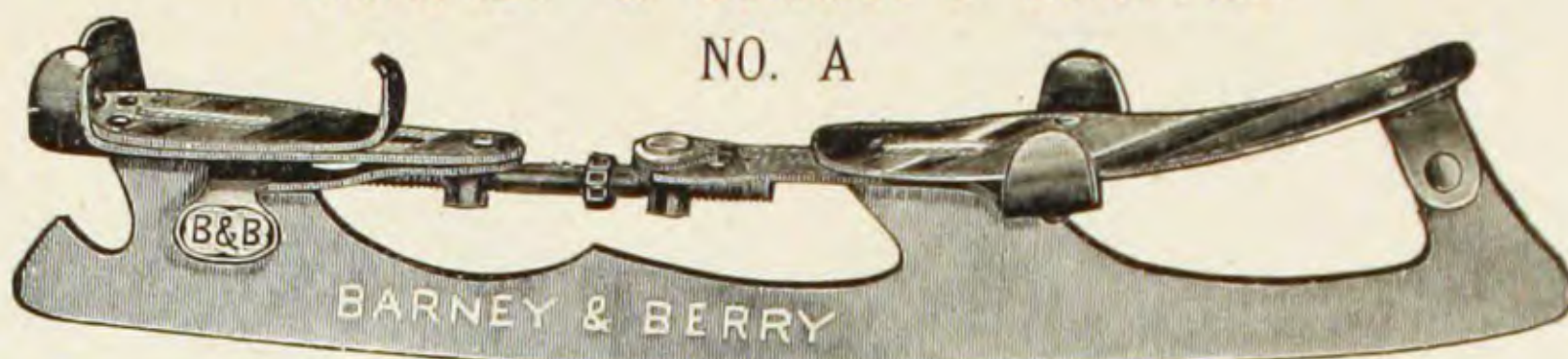
Will hold any kind of Fence Wire. The harder you pull the tighter it holds.

Per dozen, \$4.00



BARNEY & BERRY'S SKATES

NO. A



It is as light as consistent with strength, and the quality of material used in its construction insures the greatest durability. Upper parts are of crucible steel. Blades of cast steel, polished, and of same thickness and rock as higher grade skates.

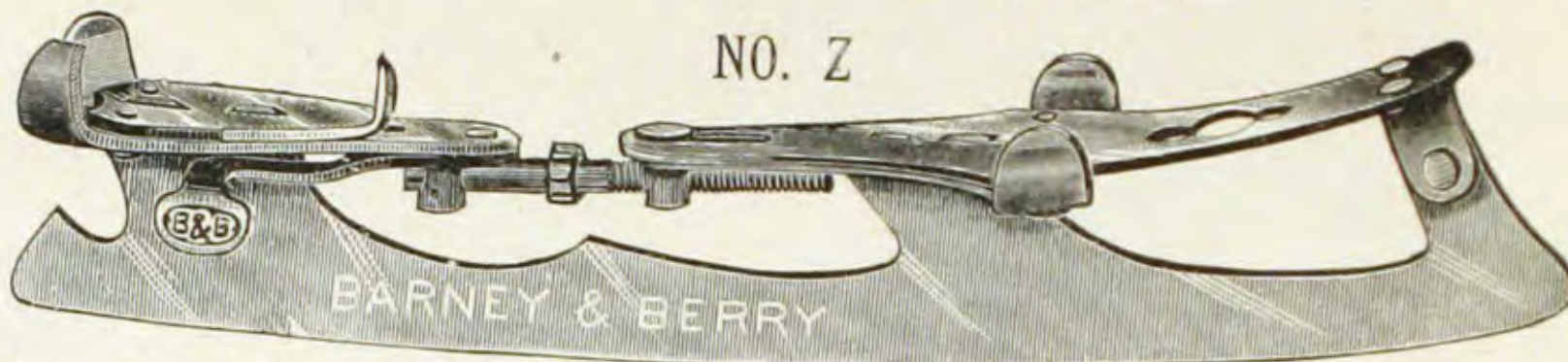
SIZES, 8, 8½, 9, 9½, 10, 10½, 11, 11½, AND 12 INCHES
per pair, \$0.60

Grade O, Bright,

Grade 2, Nickeled,

per pair, \$1.00

NO. Z



This Skate is thoroughly made, and durable. Adjusted by single threaded screw. Foot plates, heel plates, clamps, and brackets of crucible steel. Blades of solid steel, hardened.

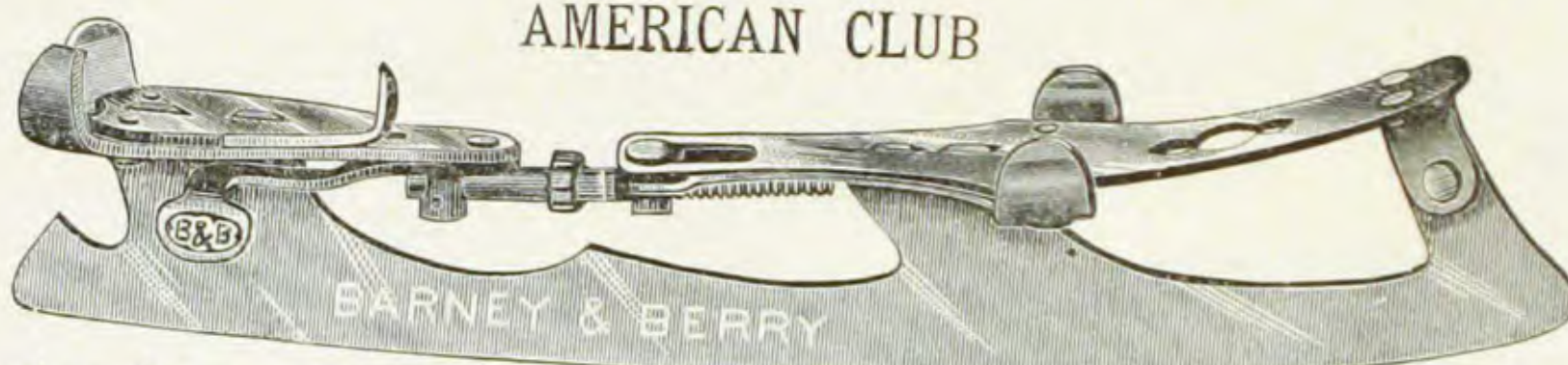
SIZES, 8, 8½, 9, 9½, 10, 10½, 11, 11½, AND 12 INCHES
per pair, \$1.50

Grade O, Bright,

Grade 2, Nickeled,

per pair, \$2.00

AMERICAN CLUB



This very complete side lever Skate, which for many years has been constantly increasing in popularity, has been greatly improved of late.

SIZES, 8, 8½, 9, 9½, 10, 10½, 11, 11½, AND 12 INCHES
per pair, \$2.50

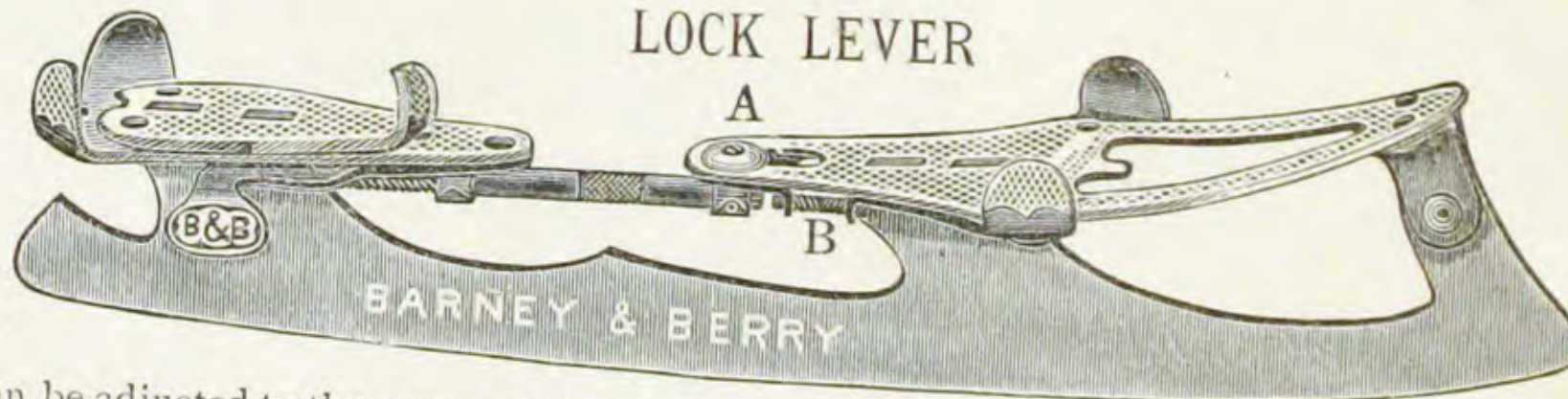
Grade 2, Nickeled,

Grade 3, Polished and Nickeled,

Grade 5, Polished and Nickeled, with Diamond Toe,
per pair, \$5.00

Grades 3 and 5 furnished with extra wide blades, at \$1.00 additional, per pair.

LOCK LEVER



This skate can be adjusted to the proper position sideways upon the shoe, whatever the style or shape, by means of inside toe-clamp, which is made in two parts, connected by right and left threaded screw, "B," which shortens or lengthens clamp.

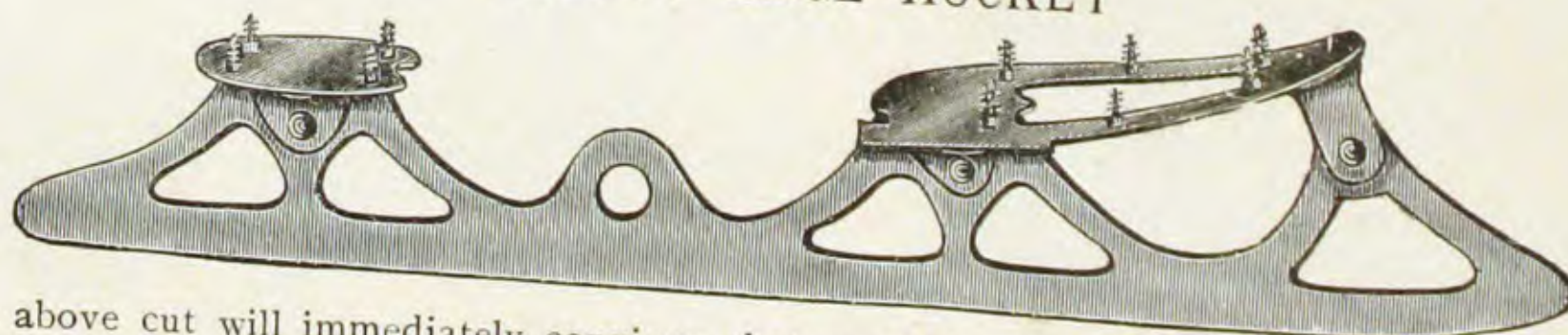
SIZES, 8, 8½, 9, 9½, 10, 10½, 11, 11½, AND 12 INCHES

Grade 3, Polished and Nickeled, per pair, \$5.00

Grade 5, Polished and Nickeled, with Diamond Toe, per pair, \$6.00

Furnished with extra wide blades (5/16 inch), at \$1.00 additional, per pair.

SAFETY EDGE HOCKEY



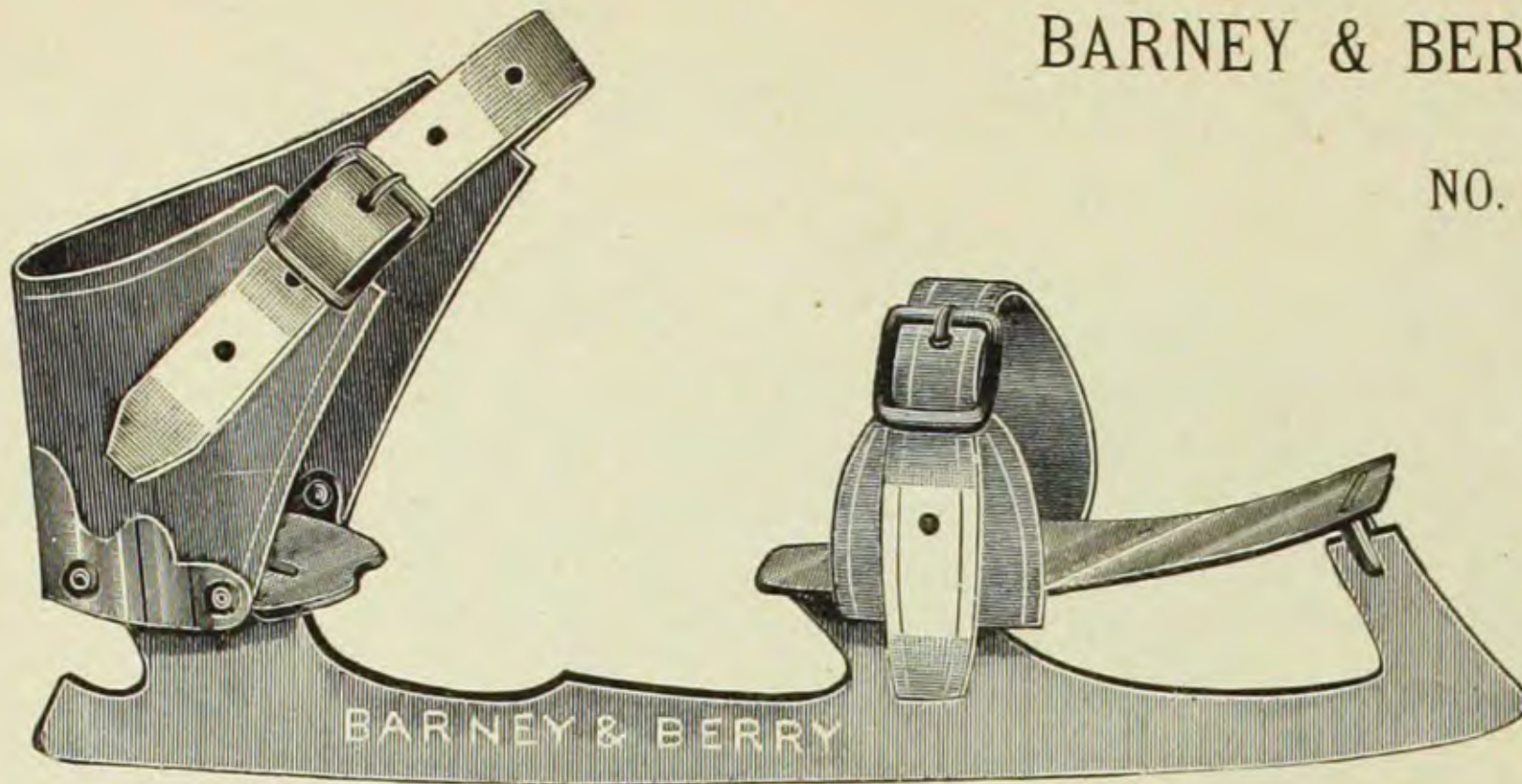
A glance at above cut will immediately convince skaters of the superiority of design of this skate. All Hockey skates heretofore in general use have a very wide open space between stanchions, in which Hockey sticks catch, tripping the player, and through which the puck passes when he attempts to stop it with skate, and blade between stanchions is very narrow and thin without reinforcement, which prevents high temper without extreme tendency to break. In the construction of these Hockey blades all these difficulties are avoided by several braces, which strengthen without adding weight; the blades are of high temper.

SIZES, 9, 9½, 10, 10½, 11, 11½, AND 12 INCHES

Grade 3, Polished and Nickeled,

per pair, \$5.00



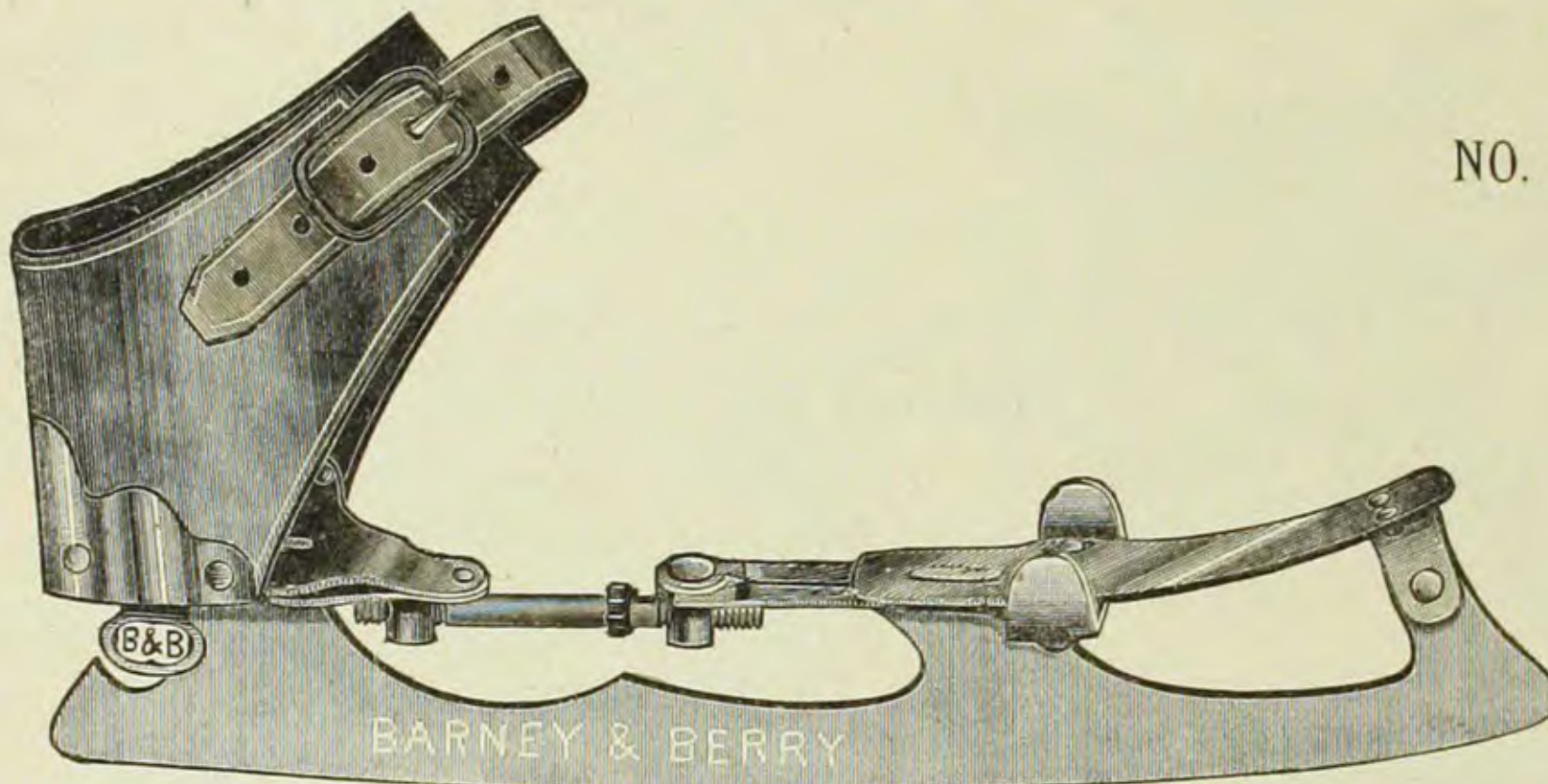


NO. 2L

Foot Plates of crucible Steel, bright finish. Blades of cast steel, polished. Russet leather and toe straps.

SIZES, 7, 7½, 8, 8½, 9, 9½, 10, AND 10½ INCHES

Per pair, \$1.00



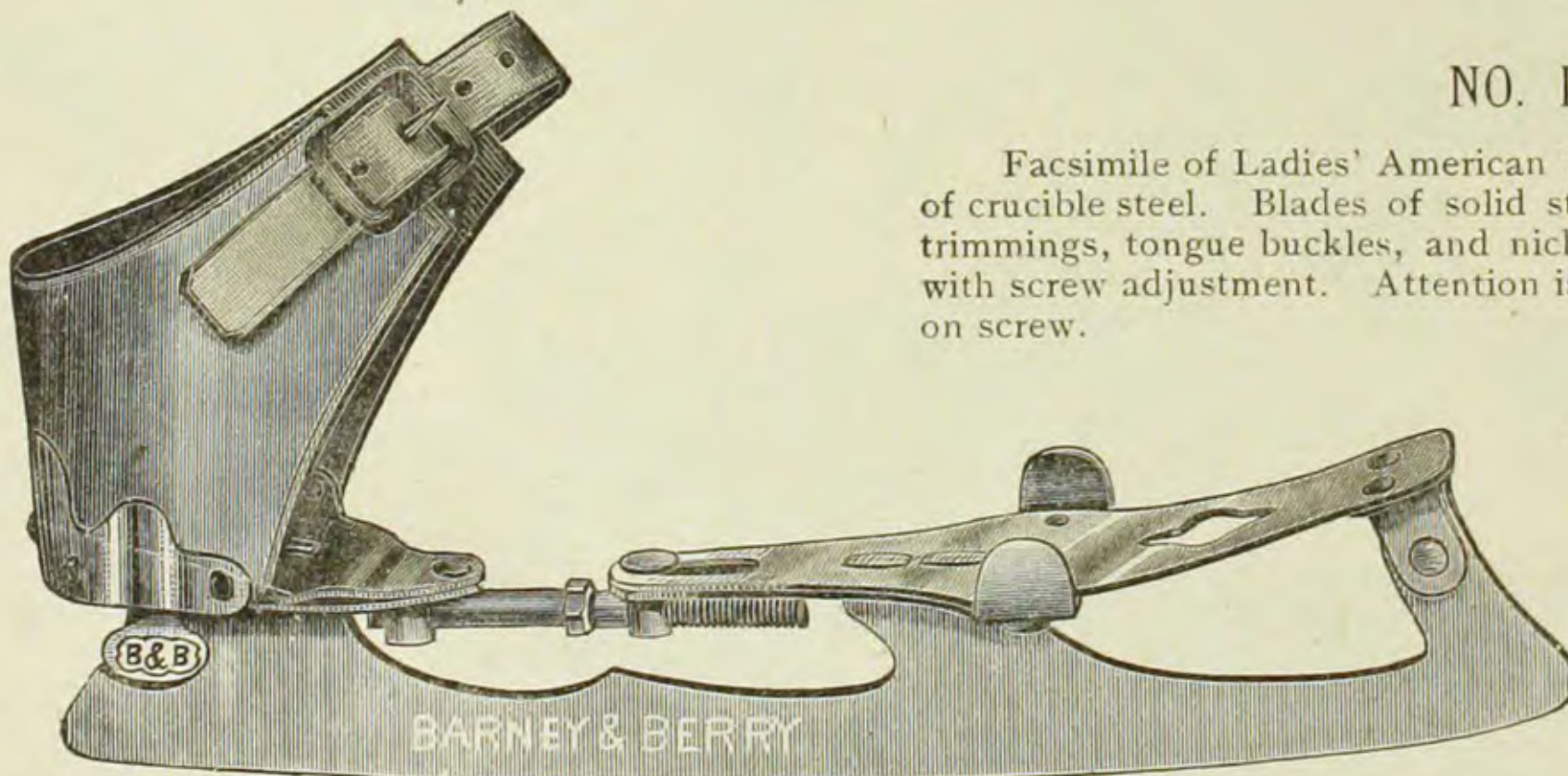
NO. LA

Is the same as No. A shown and described on page 990 except that it has a russet grain leather strap with nickel-plated band at heel.

SIZES 8, 8½, 9, 9½, 10, 10½, AND 11 INCHES

Grade 0, Bright, per pair, \$1.25

Grade 2, Nickeled, per pair, 1.65



NO. LZ

Facsimile of Ladies' American Club. All the upper parts are made of crucible steel. Blades of solid steel, hardened. Russet grain leather trimmings, tongue buckles, and nickeled heel bands. Operated by lever with screw adjustment. Attention is called to the very perfect knurl used on screw.

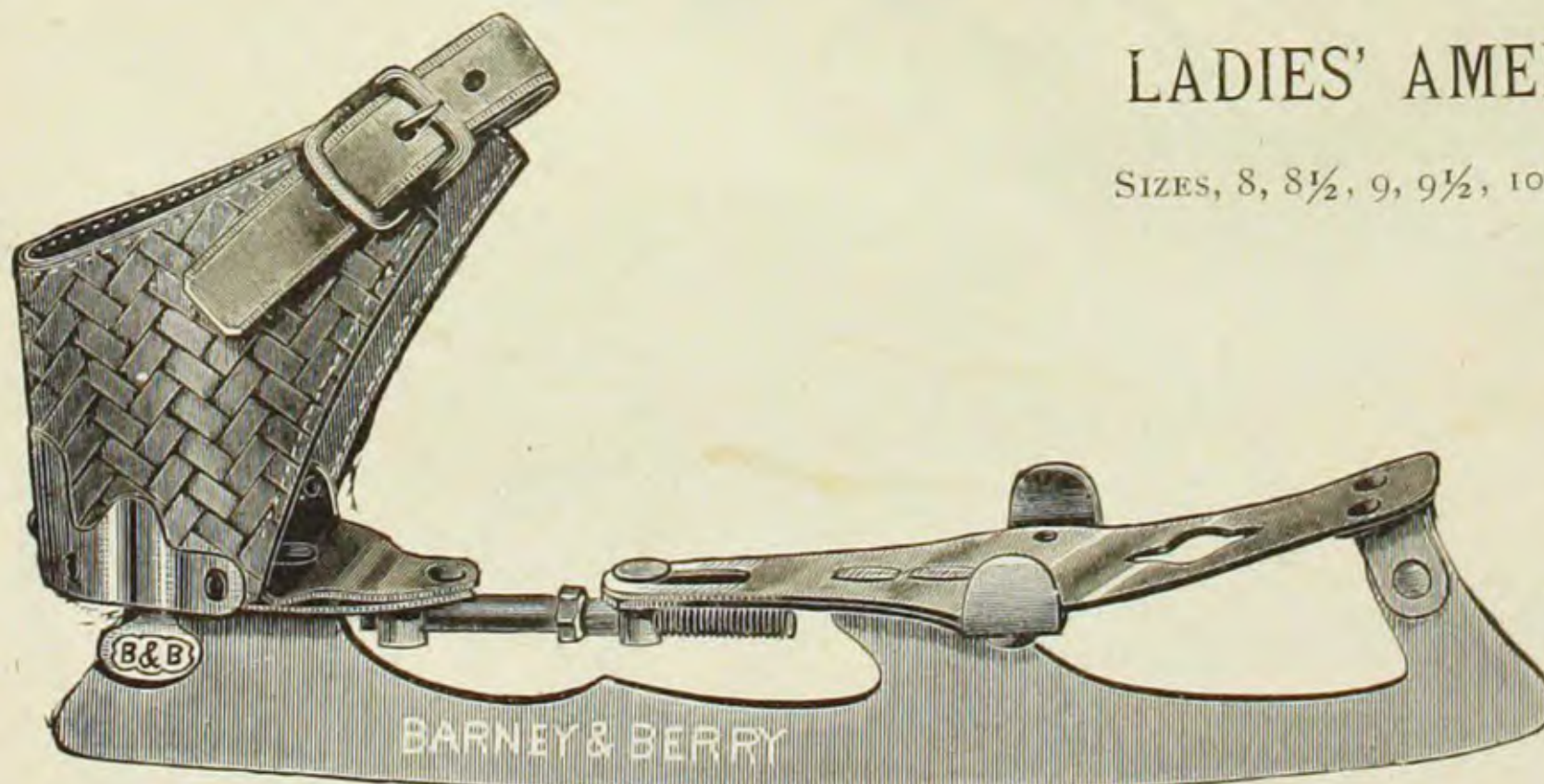
SIZES, 8, 8½, 9, 9½, 10, 10½, AND 11 INCHES

Grade 0, Bright, per dozen, \$2.50

Grade 2, Nickeled, per dozen, \$3.25

LADIES' AMERICAN CLUB

SIZES, 8, 8½, 9, 9½, 10, 10½, AND 11 INCHES



Grade 2, Nickeled, per pair, \$3.75

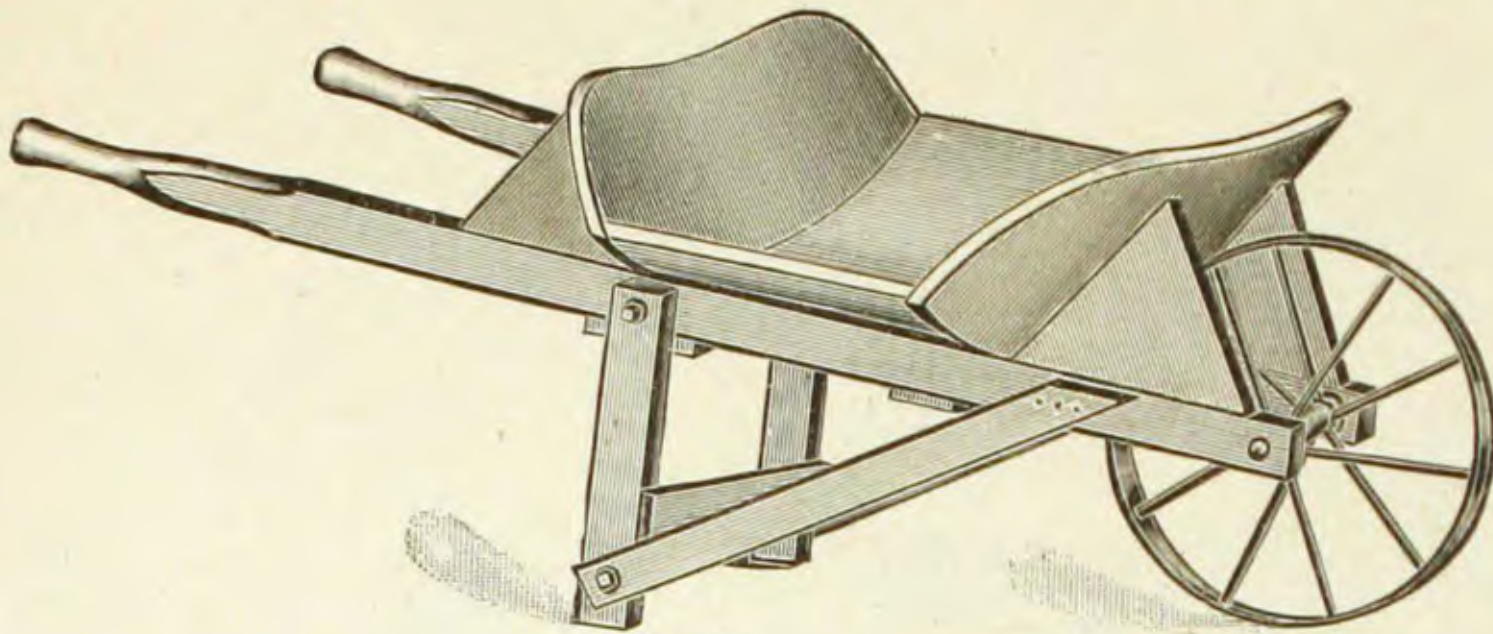
Grade 3, Polished and Nickeled, per pair, 4.50

Grade 5, Polished and Nickeled, with Diamond Toe, per pair, 5.50

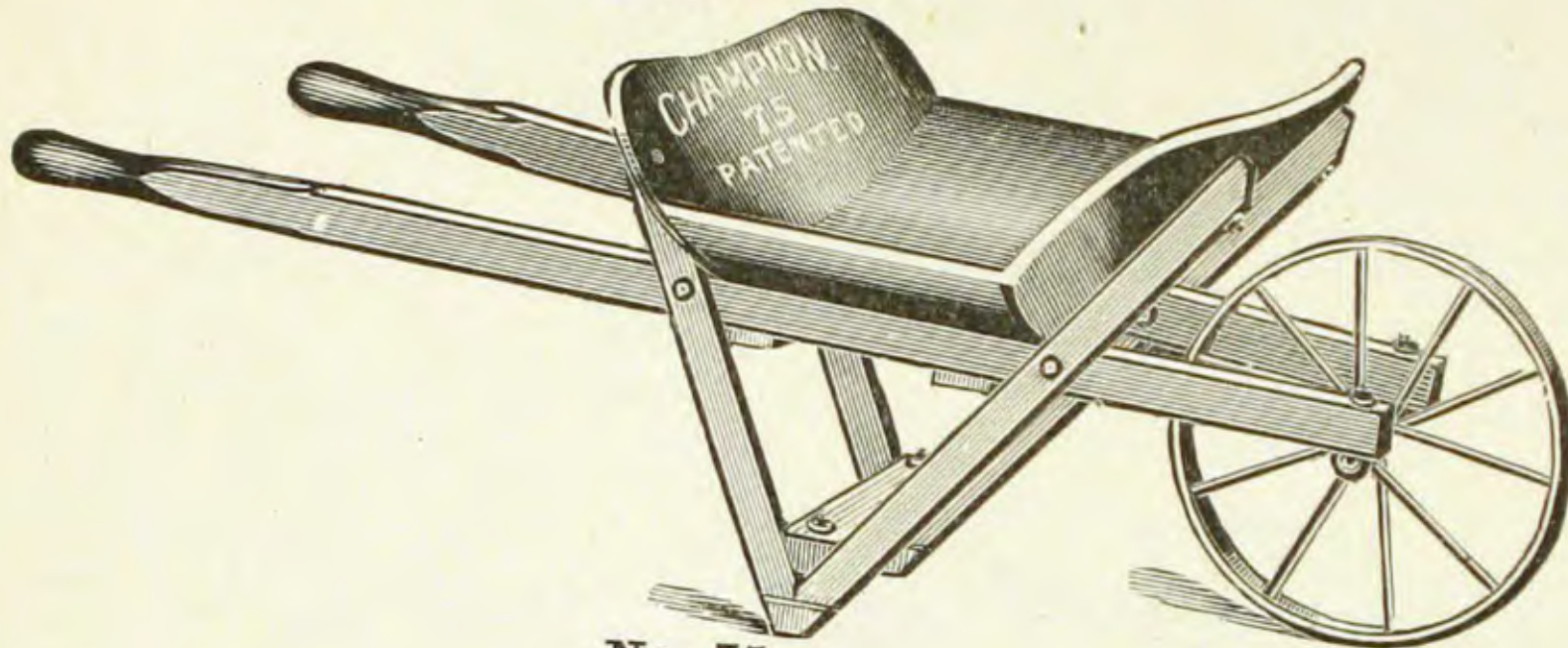
Grades 3 and 5 furnished with extra wide blades, at \$1.00 per pair additional.



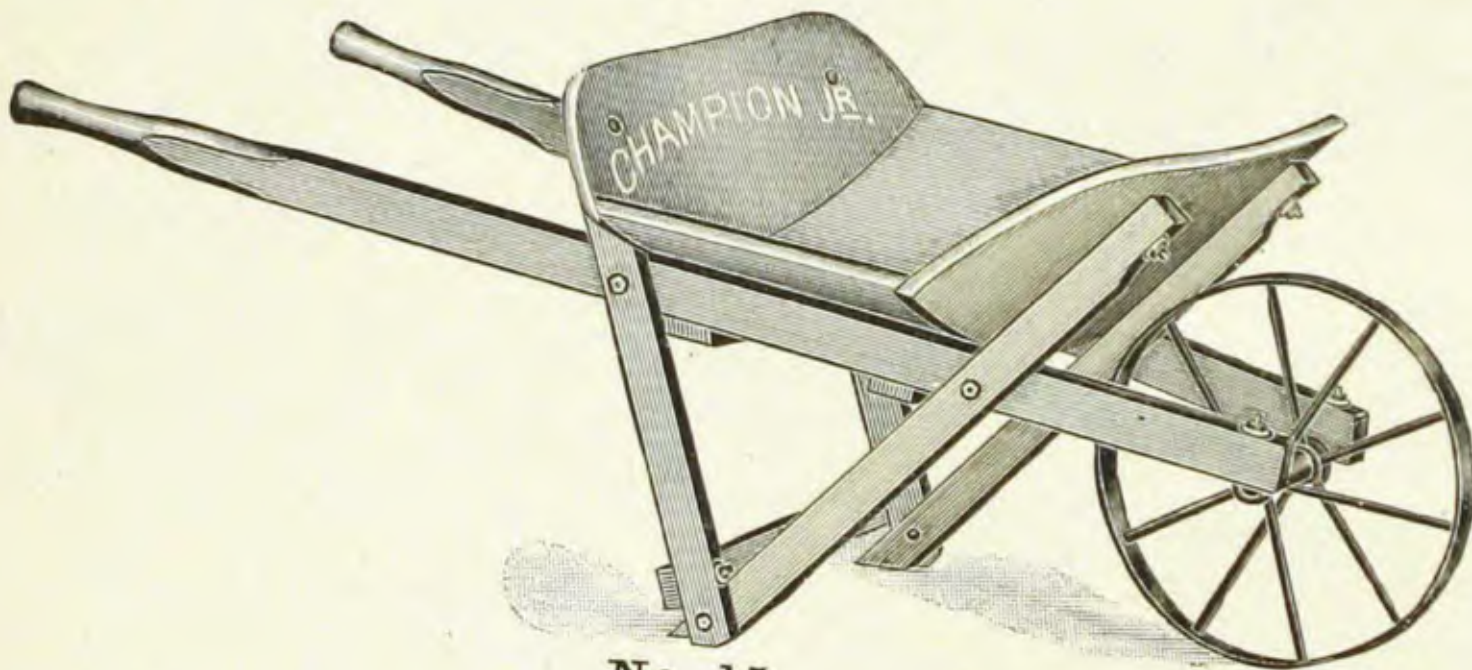
CHAMPION WHEELBARROWS



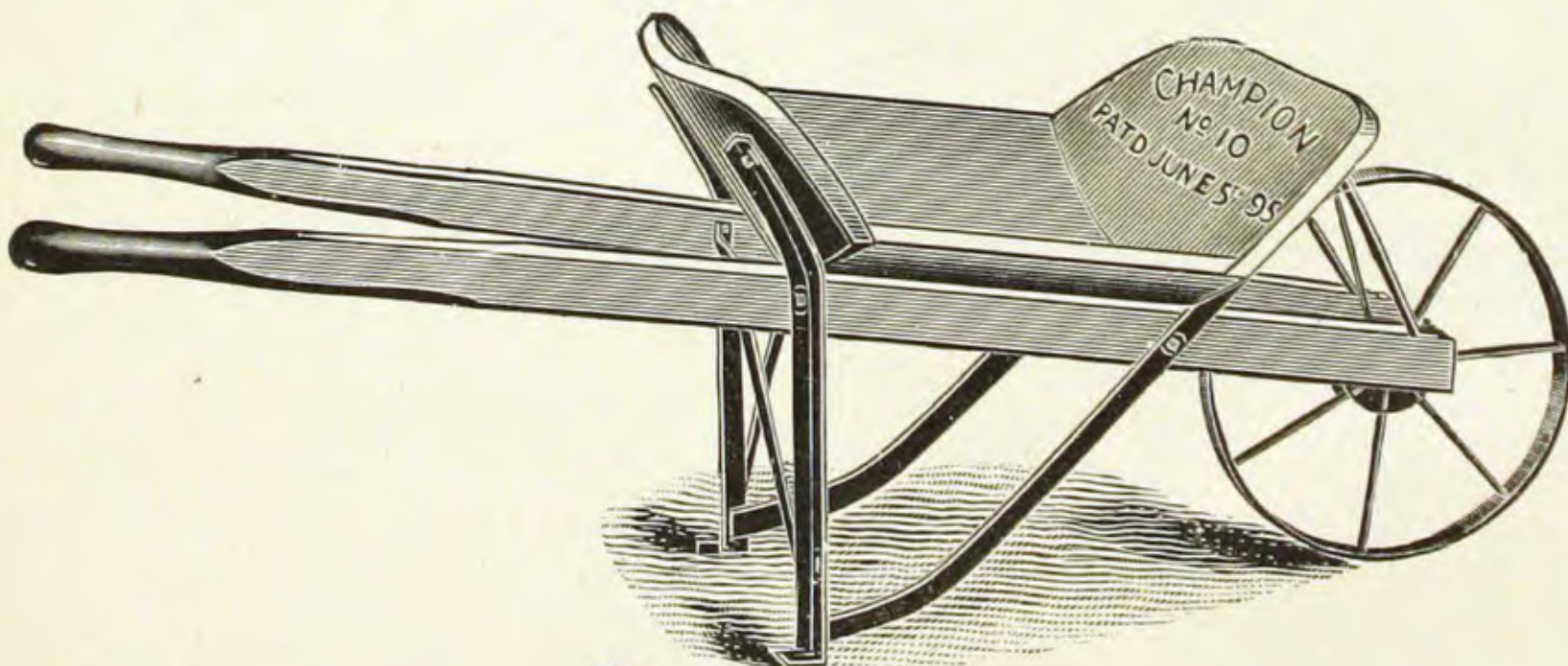
No. 4



No. 75



No. 15



No. 10



Nos. 10 and 11 Folded for Shipment

HALF BOLTED, FULL SIZED TRAY

No.		Per dozen.
3	With Wood Wheel,	\$22.00
4	" Steel "	24.00

Frames, three in a bundle, K. D.

FULL BOLTED

With Patent Malleable Shoe, bolted on, combines the legs, braces the cross bars, resulting in neatness, simplicity, and great strength.

No.		Per dozen.
74	With Wood Wheels,	\$30.00
75	" No. 1 Steel Wheels,	32.00
76	With No. 1 Steel Wheels, No. 16 Steel Tray,	44.00
77	With No. 1 Steel Wheels, No. 20 Steel Tray,	32.00

The Tray of No. 77 is made of one SHEET No. 20 Steel, with corrugated sides.

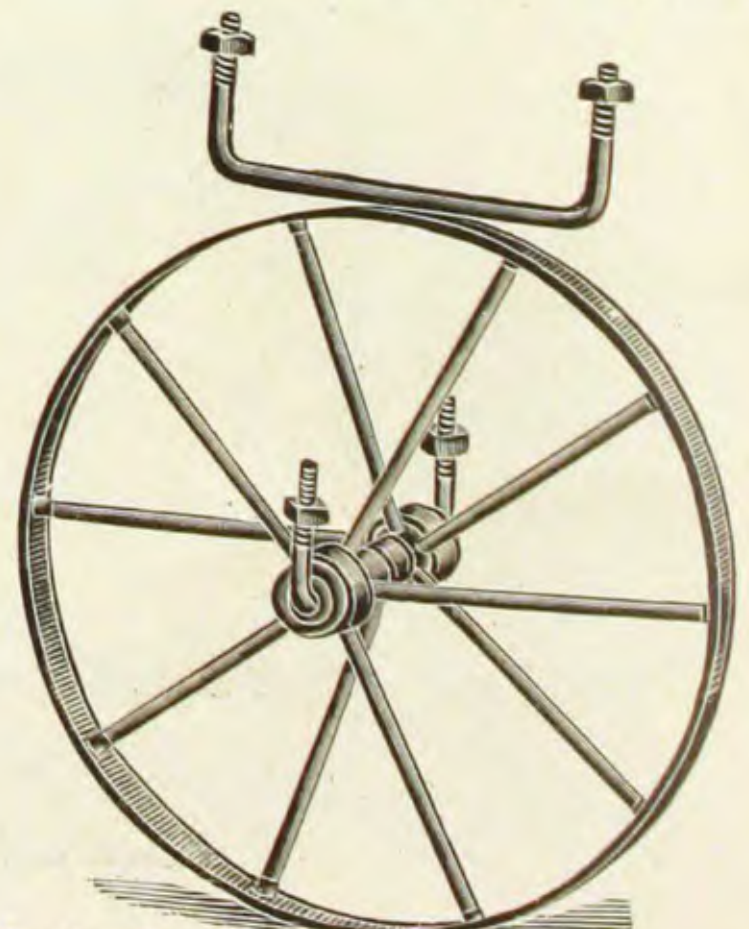
FULL BOLTED

No.		Per dozen.
14	With Wood Wheels,	\$24.00
15	" No. 1 Steel Wheels,	26.00

Above Frames, Three in a bundle, K. D.

FOLDING STEEL FRAME

No.		Per dozen.
10	With No. 1 Steel Wheel, Wood Tray,	\$32.00
11	With No. 1 Steel Wheel, No. 16 Steel Tray,	48.00

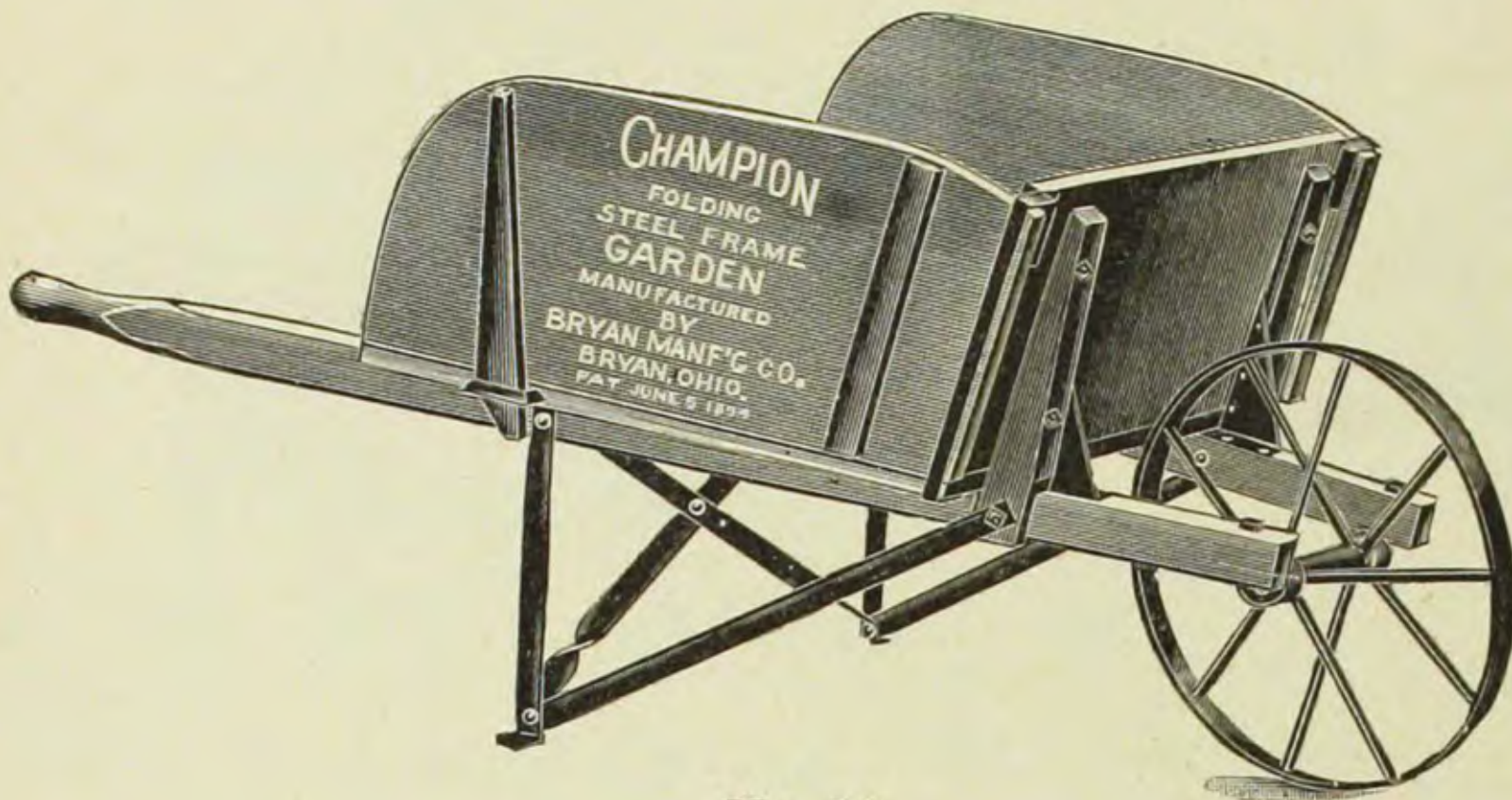


No. 1 Steel Wheel and Axle



CHAMPION WHEELBARROWS

993



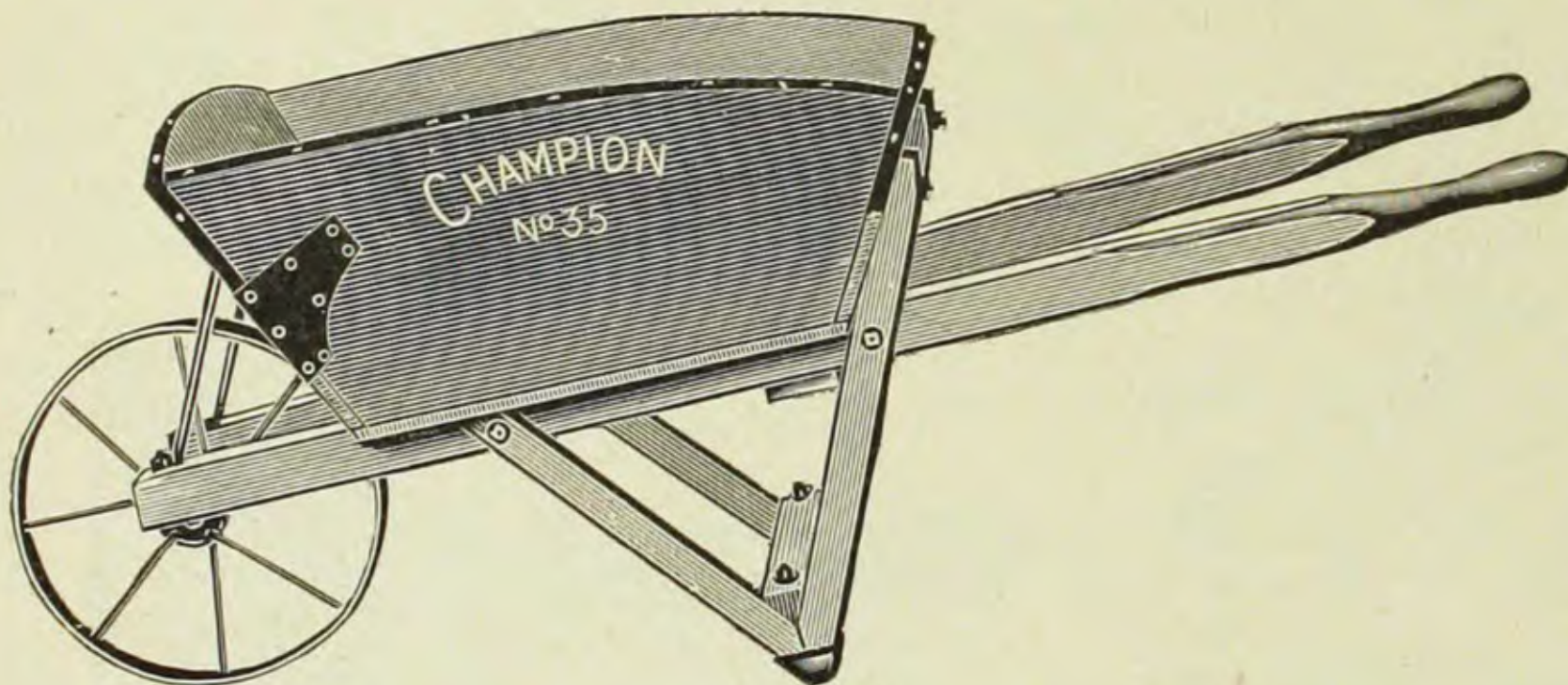
No. 20

FOLDING STEEL FRAME GARDEN BARROW

The frame is made from 1 inch angle bar with foot turned, so it will not injure a lawn. The frame and wheel are japanned black; sides and handles, bright red; inside of bed, dark green.

Size of front, 12×19 inches; sides, 12×28 inches; bottom, 21×27 inches; weight, 40 pounds.

No.	Per dozen.
20 With No. 1 Steel Wheels	\$48.00

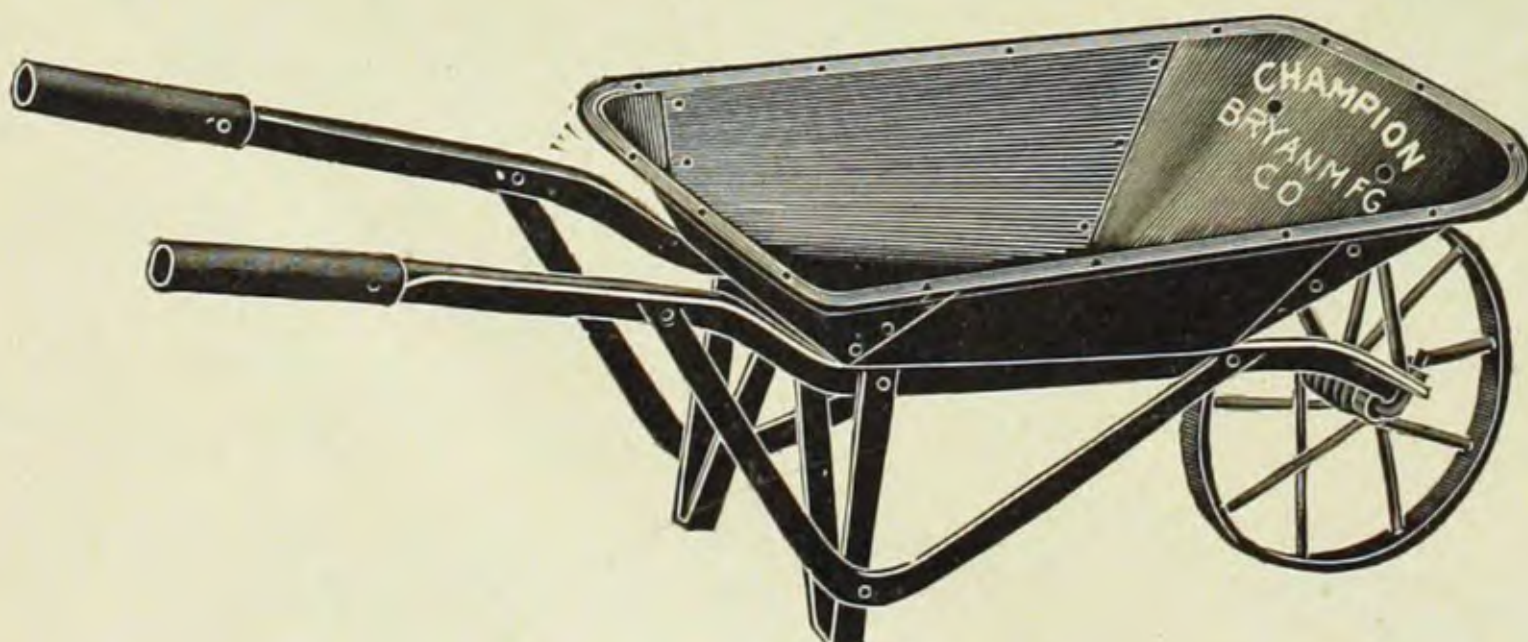


No. 35

MORTAR BARROWS

No.	Per dozen.
34 Painted Brown, Wood Wheels,	\$40.00
35 Painted Brown, No. 1 Steel Wheels,	42.00
Edges of tray are strapped.	

No.	Per dozen.
36 Painted Brown, No. 1 Steel Wheels, No. 16 Steel Tray,	\$60.00

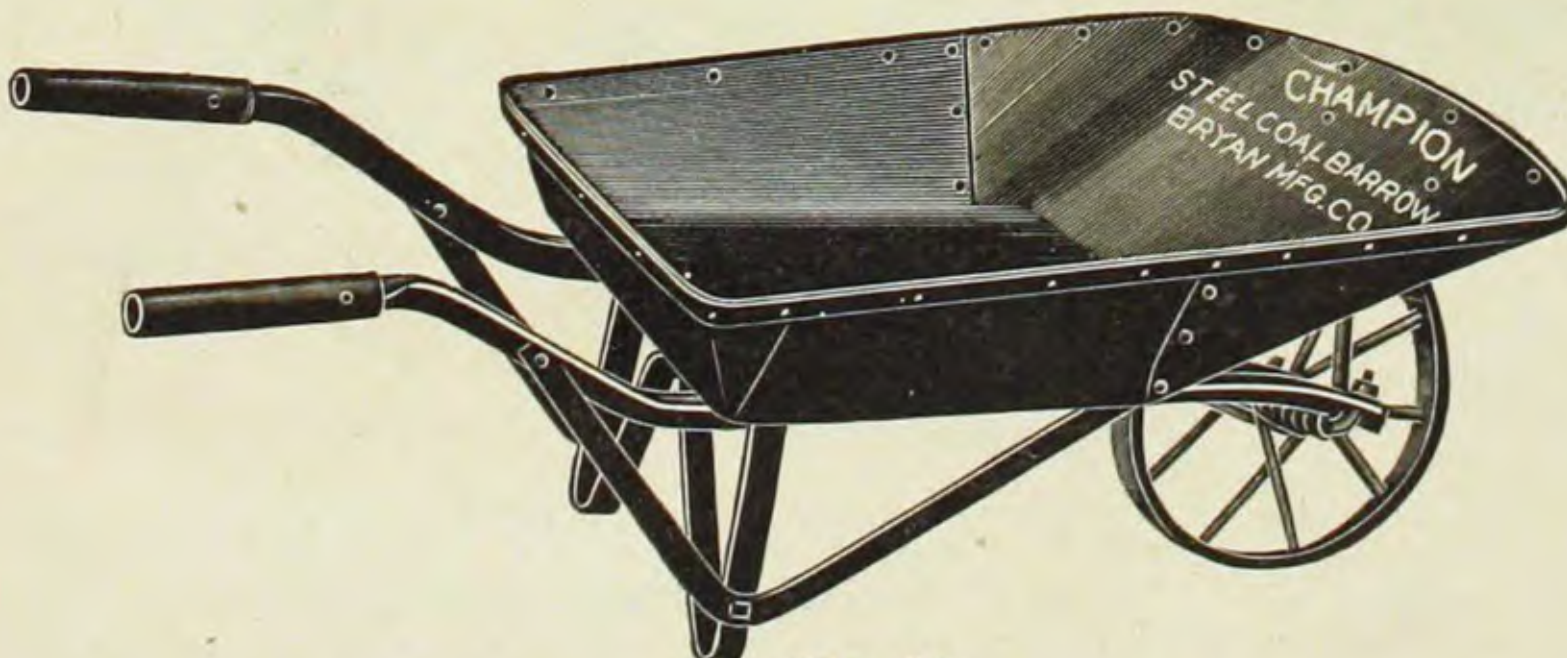


No. 45

STEEL MINING AND GENERAL PURPOSE BARROW

Adapted to the heaviest work in Mines, Quarries, Foundries, and Mills. Patented staple axle bolt in wheel. Tray is flanged and banded with heavy steel band.

No. 45	each, \$11.00
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No. 39

STEEL COAL BARROW

Capacity, 400 pounds coal. Supplied with extra heavy steel wheel, with $\frac{3}{4}$ inch patented staple axle bolt.

Diameter of wheel, 16 inches; tire, 2× $\frac{3}{8}$ inches.

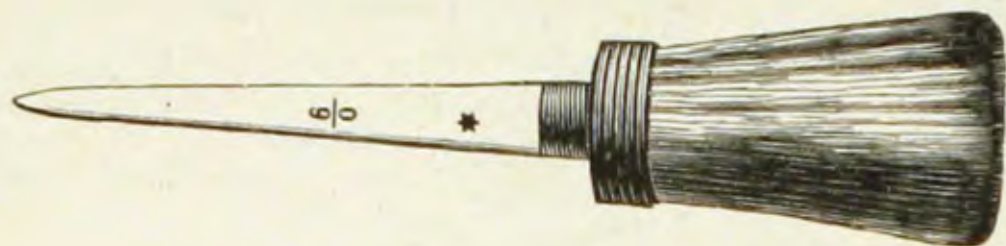
No. 39	each, \$14.00
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BRUSHES (STAR BRAND)

BRADLEY & SMITH

PAINT BRUSHES



WIRE BOUND

Quality A, Mixed Stock, cased with White Bristles.

Nos.	6	5	4	3	2	1	0
Per dozen,	\$2.80	3.50	4.25	4.75	5.00	5.40	6.25
Nos.	2-0	3-0	4-0	5-0	6-0	7-0	8-0
Per dozen,	\$7.00	7.70	9.25	10.50	11.25	13.50	15.00

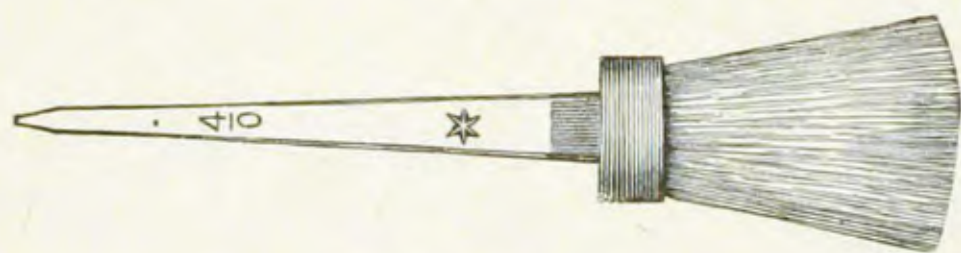
Quality B is the Standard Brush. Gray Center, cased with fine White Bristles.

Nos.	6	5	4	3	2	1	0
Per dozen,	\$3.50	4.50	5.50	7.00	8.50	9.50	11.60
Nos.	2-0	3-0	4-0	5-0	6-0	7-0	
Per dozen,	\$13.60	15.75	20.00	23.00	28.00	31.50	

Quality E E, made from all White Russia Bristles.

Nos.	0	2-0	3-0	4-0
Per dozen,	\$14.50	17.50	22.00	26.00
Nos.	5-0	6-0	7-0	8-0
Per dozen,	\$32.00	37.50	43.00	51.00

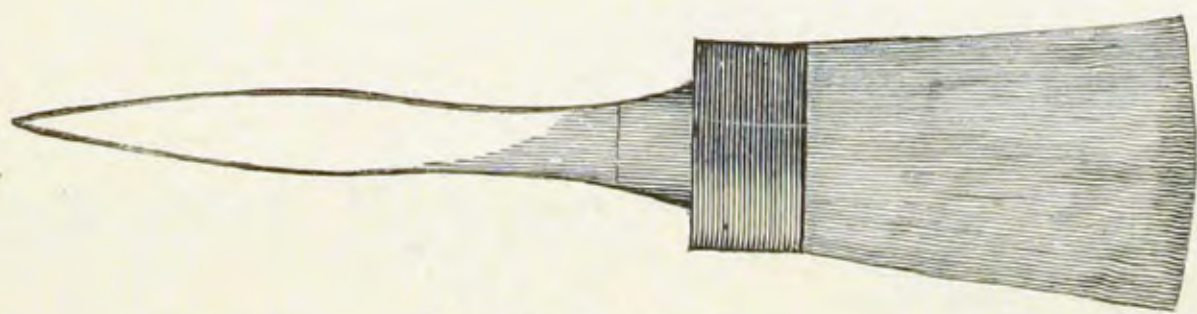
OVAL VARNISH BRUSHES



WIRE BOUND

Quality GLOSS, all White Bristles.

Nos.	6	5	4	3	2	1	0
Per dozen,	\$2.50	3.12	3.50	4.50	5.20	6.50	7.63
Nos.	2-0	3-0	4-0	5-0	6-0	7-0	8-0
Per dozen,	\$9.00	11.00	12.88	14.50	16.50	19.40	22.90



WIRE BOUND

Quality E F, Narrow Ferrules. All White Bristles, Beaver Tail Handles.

Nos.	6	5	4	3	2	1	0
Per dozen,	\$4.88	5.50	6.40	7.50	9.00	10.50	12.00
Nos.	2-0	3-0	4-0	5-0	6-0	7-0	8-0
Per dozen,	\$14.50	17.00	20.00	25.00	29.00	35.00	41.00

SASH TOOLS



WIRE BOUND

Quality X, American Bristles, Half Ferrules.

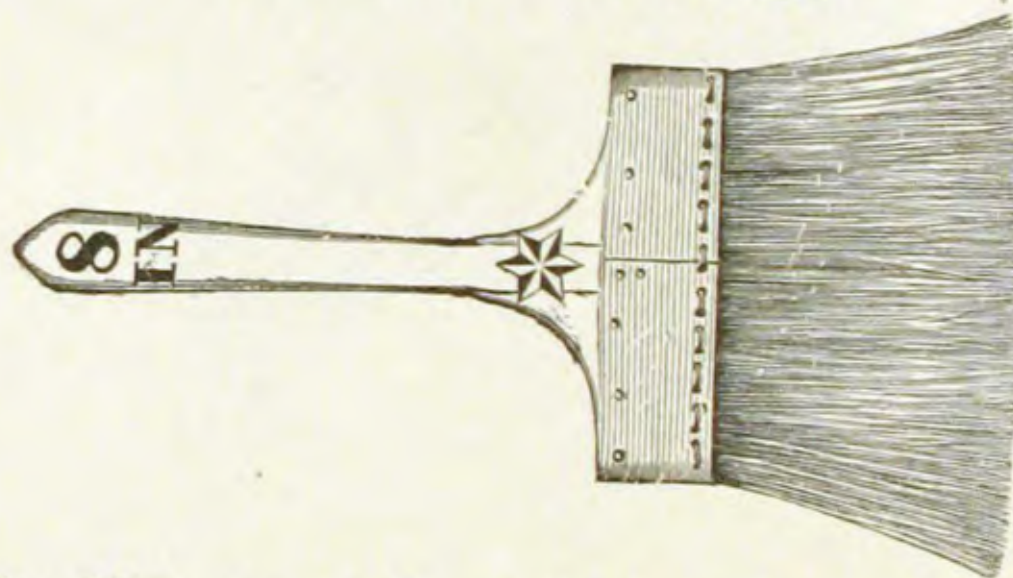
Nos.	1	2	3	4	5
Per dozen,	\$0.48	.64	.80	.96	1.20
Nos.	6	7	8	9	10
Per dozen,	\$1.44	1.68	2.00	3.00	3.50

WIRE BOUND

Quality A, French Bristles, Full Ferrules.

Nos.	1	2	3	4	5
Per dozen,	\$0.72	.96	1.20	1.44	1.76
Nos.	6	7	8	9	10
Per dozen,	\$1.92	2.40	2.80	3.20	3.60

KALSOMINE BRUSHES



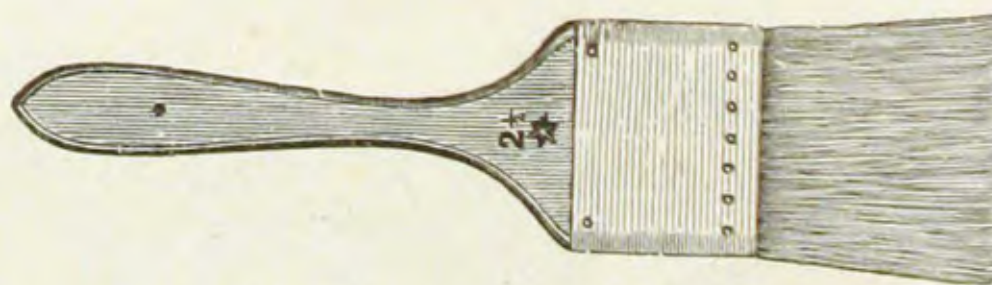
Quality CC, made of Mixed Stock, Gray Middle, cased with White Bristles.

Size, inches,	6	7	8
Per dozen,	\$9.50	11.50	14.00

Quality A, made of extra Gray Russia Bristles, cased with White Okatka Bristles.

Size, inches,	5	6	7	8
Per dozen,	\$25.50	31.50	46.00	58.00

FLAT VARNISH BRUSHES



Quality X, Cedar Handles.

Size, inches,	1	1 1/2	2	2 1/2	3
Per dozen,	\$0.72	1.08	1.44	1.80	2.16

Quality A, Cedar Handles.

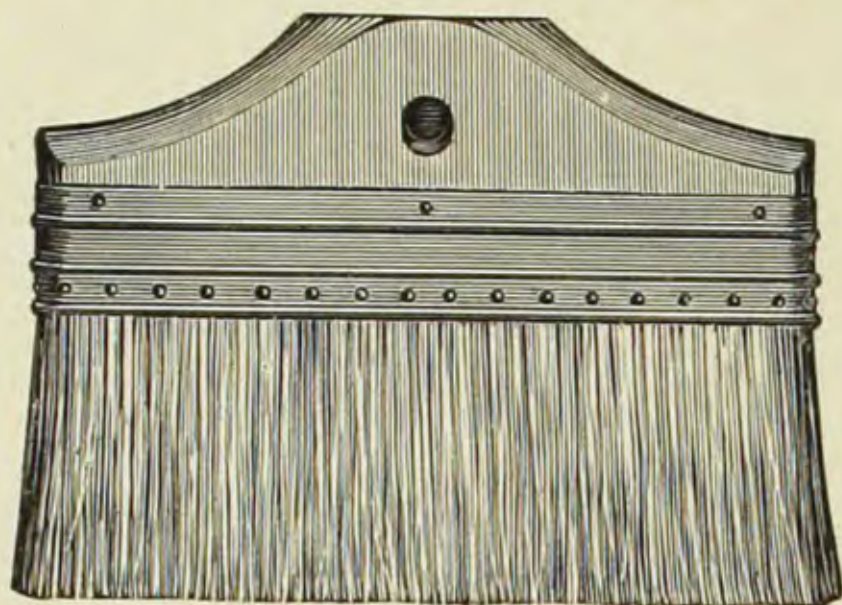
Size, inches,	1	1 1/2	2	2 1/2	3	3 1/2	4
Per dozen,	\$0.96	1.44	1.92	2.40	2.88	4.40	5.12

Quality C, Cedar Handles.

Size, inches,	1	1 1/2	2	2 1/2	3	3 1/2	4
Per dozen,	\$1.50	2.68	3.60	4.60	6.40	10.00	14.00



WHITEWASH HEADS

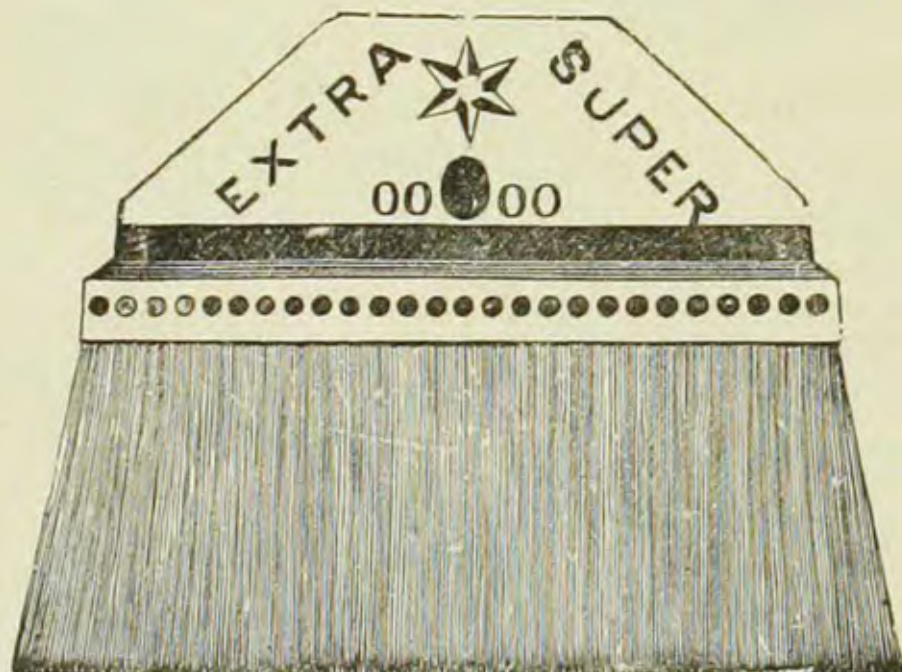


Quality G W, Gray Stock, cased with White Bristles, Metal Bound. Especially designed for export trade.

Nos.	5	6	7	8	9	10	12
Width of Brush, in.,	6	6½	7	7½	8	8½	9
Per dozen,	\$6.12	6.45	7.00	8.45	8.75	10.20	11.40

Quality B, Gray Center, cased with Fine White Bristles, Leather Bound.

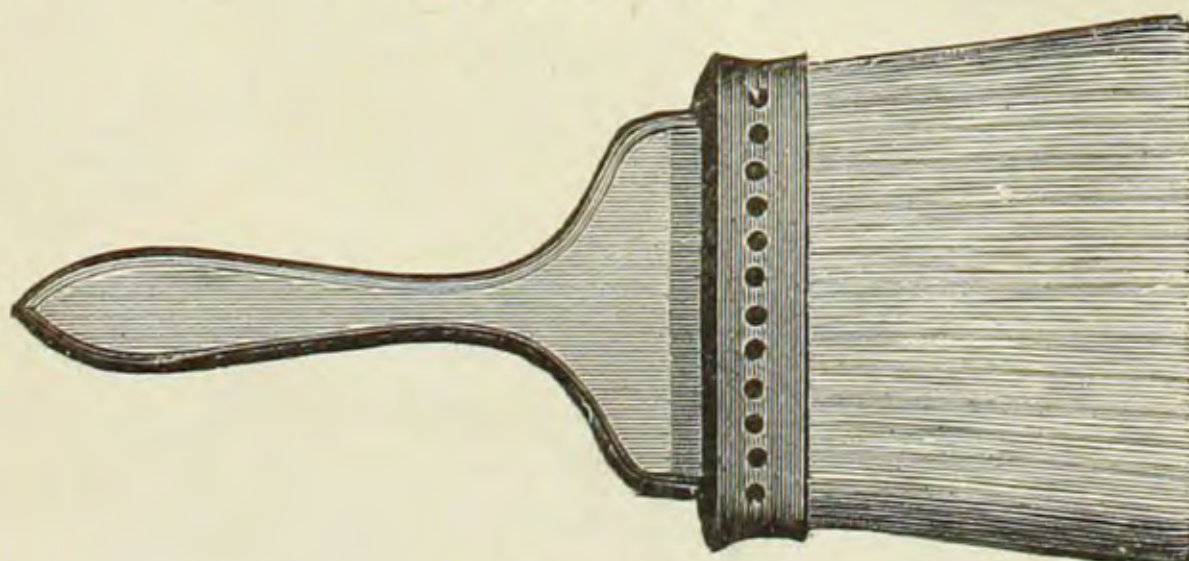
Nos.	4	5	6	7	8	9
Width of Brush, in.,	5	5½	6½	7	7½	8
Per dozen,	\$5.30	5.88	6.60	7.40	8.25	9.40
Nos.	10	11	12	13	14	
Width of Brush, in.,	8½	9	9½	10	10½	
Per dozen,	\$10.60	11.80	12.88	14.20	15.75	



Quality E, made of Pure White Russia Bristles, Leather Bound

Nos.	0	2-0	3-0	4-0 (extra heavy)
Width of Brush, in.,	7½	8½	9½	9½
Per dozen,	\$22.75	27.50	36.50	48.00

WALL OR FLAT PAINT BRUSHES LEATHER BOUND

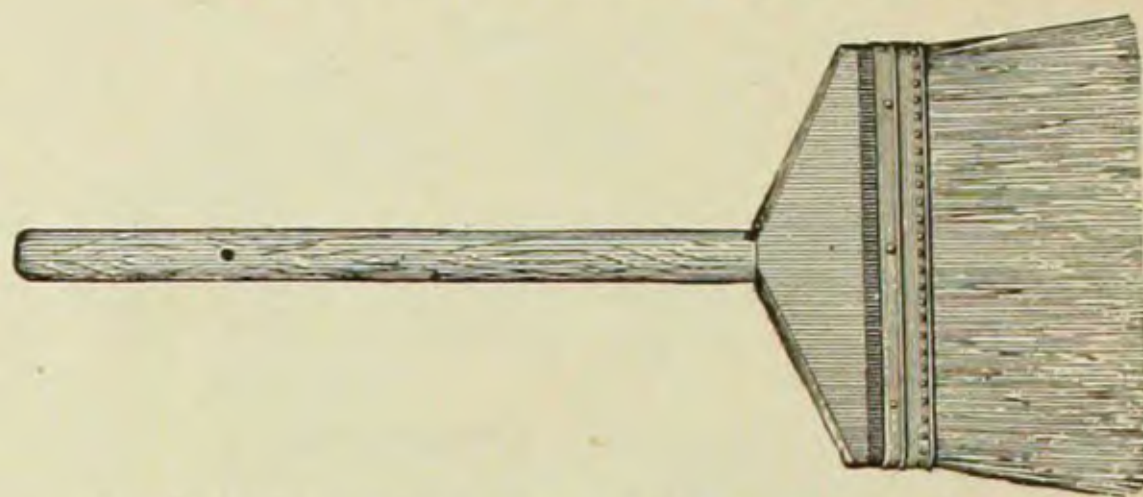


Quality O K, made of Pure White Russia Bristles, and suitable for painting walls, ceilings, or other large surfaces.

Size, inches,	3	3½	4	4½	5	5½
Per dozen,	\$9.75	11.25	14.80	19.70	24.00	28.00

WHITEWASH BRUSHES

995

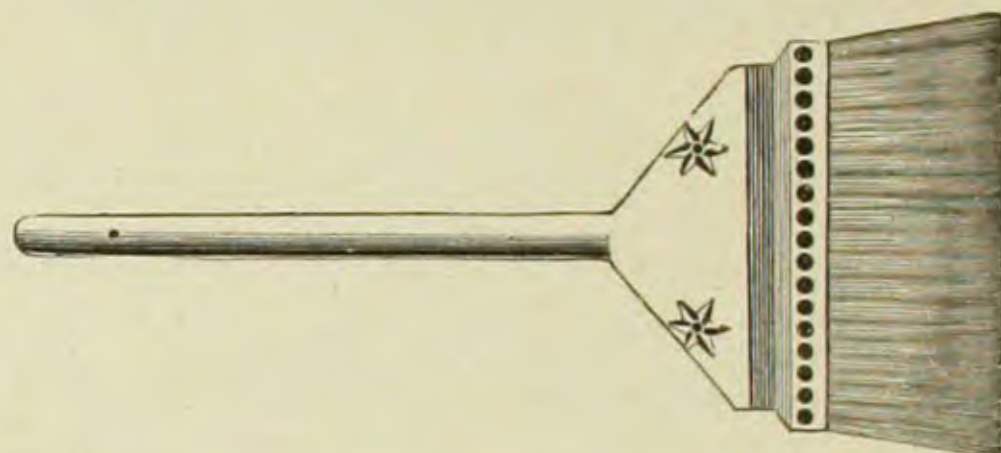


Quality SENSATION, made of White Fibre. Especially designed for export trade.

Size, inches,	6	7	8
Per dozen,	\$5.25	5.88	7.00

Quality PURITY, made of White Fibre, cased with White Bristles.

Size, inches,	6	7	8
Per dozen,	\$7.00	7.88	9.50



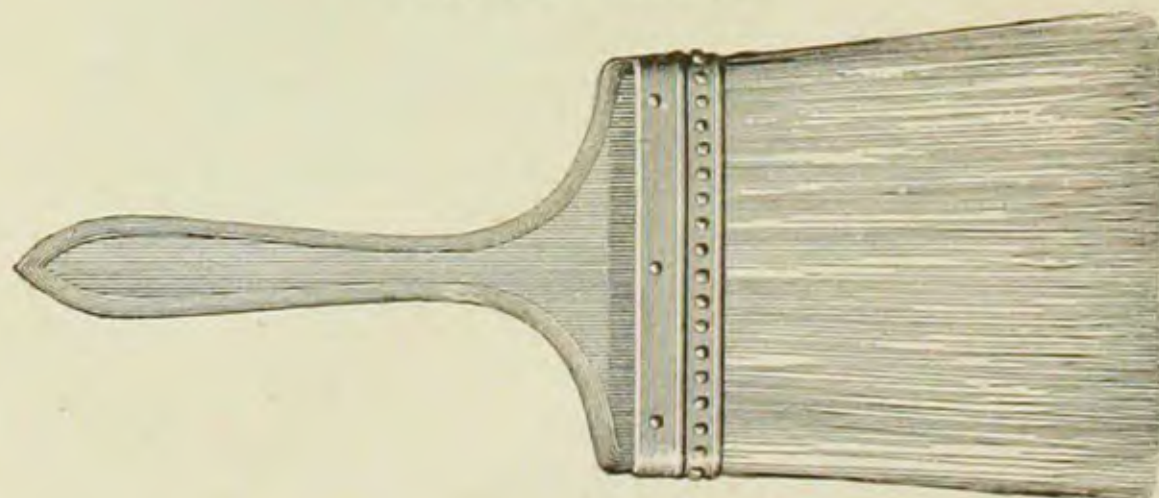
Quality B, Pure White Bristles on the outside. A good Family Brush for common use.

Nos.	6	7	8	9	10
Size, inches,	5½	6	6½	7	7½
Per dozen,	\$8.25	8.88	10.00	11.00	12.25
Nos.	11	12	13	14	
Size, inches,	8	8½	9	9½	
Per dozen,	\$13.25	14.75	16.25	18.00	

Quality RUSSIA, made of Long Stock, cased with Unbleached Russia Bristles.

Size, inches,	6	7	7½	8
Per dozen,	\$11.25	13.40	15.25	17.75

WALL OR FLAT PAINT BRUSHES METAL STRAPS



Quality B W, made of White Stock, Narrow Metal Straps.

Size, inches,	2½	3	3½	4	4½	5
Per dozen,	\$3.38	4.25	5.25	6.30	7.60	8.75

Quality RUSSIA. Pure Foreign White Bristles. Narrow Nickel-plated Metal Straps. Made by a recently patented process, and warranted not to come apart.

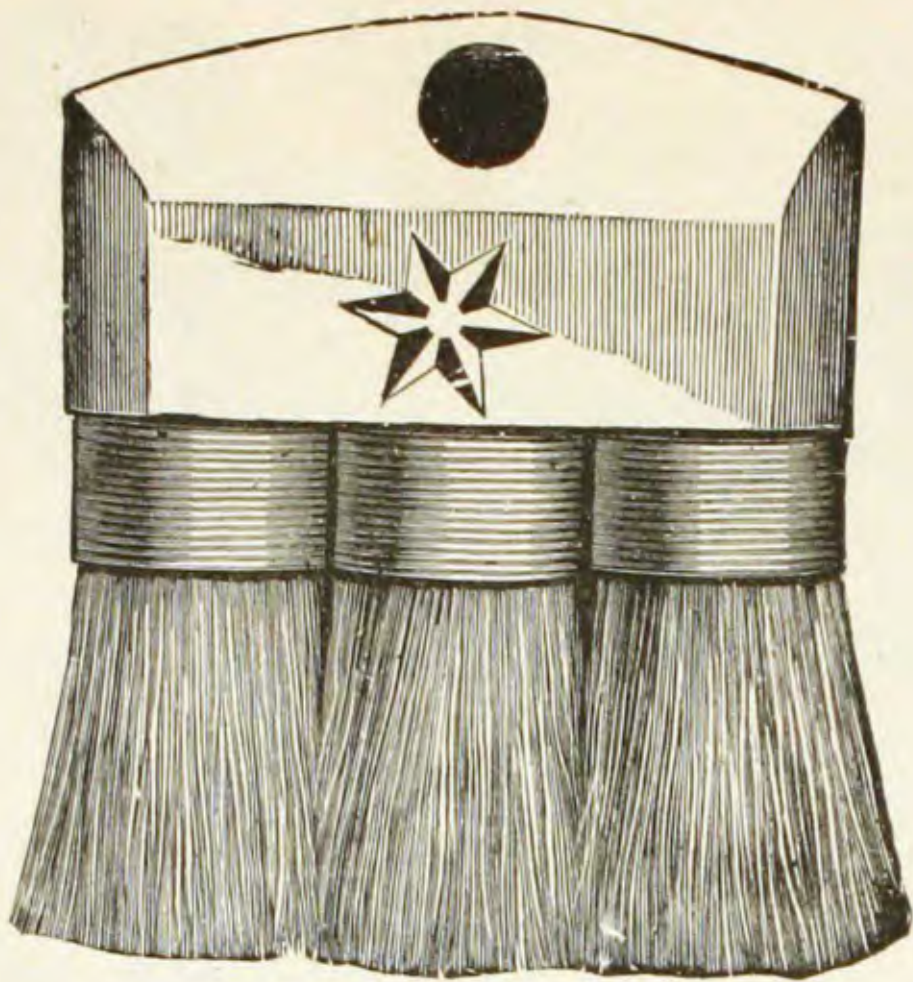
Size, inches,	2½	3	3½	4	4½	5	5½
Per dozen,	\$11.25	13.20	15.50	19.50	22.25	24.50	30.00

Eagle, made of Pure White Bristles, Brass Bound.

Size, inches,	2½	3	3½	4	4½	5
Per dozen,	\$6.50	7.50	8.75	11.00	12.80	15.50

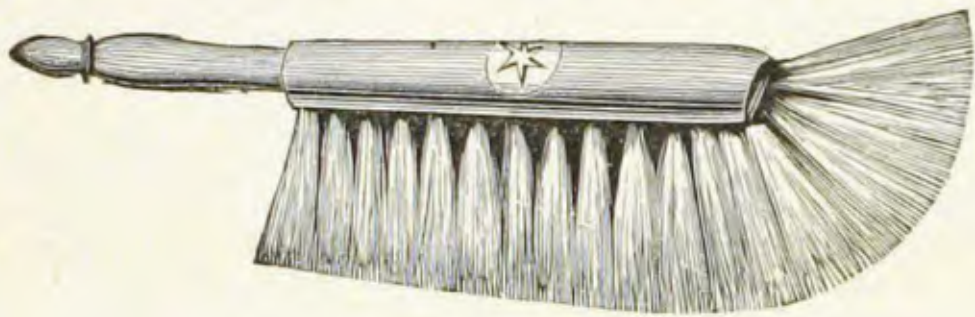


ROOF BRUSHES



Knots,	2	3	4
Quality B, per dozen,	\$14.60	19.50	26.50
Quality C, " "	19.00	24.00	30.50

DUSTING BRUSHES



QUALITY AH

Made of all Bristles, White and Gray, Polished Block.

Nos.	1	2	3	4
Per dozen,	\$4.10	4.66	5.60	6.10



QUALITY BOSTON

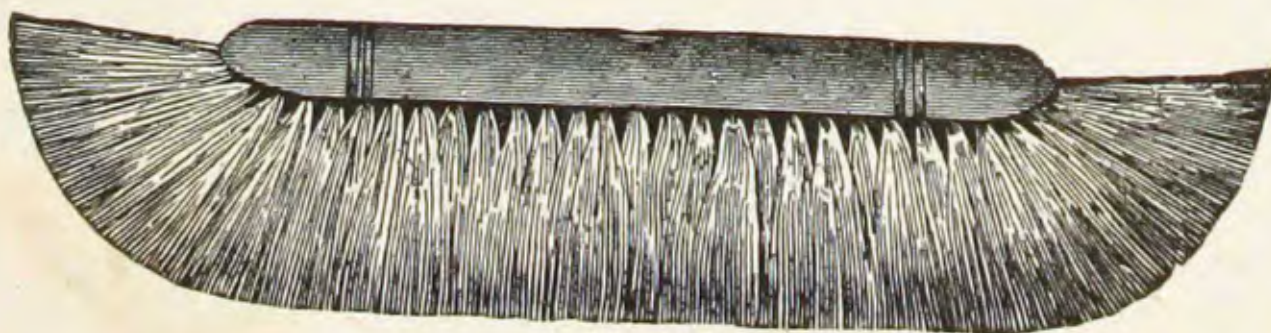
Made of all Bristles, White and Gray, Polished Boston Block.

Nos.	16	17	18
Per dozen,	\$5.56	6.40	7.22

QUALITY EXTRA BOSTON

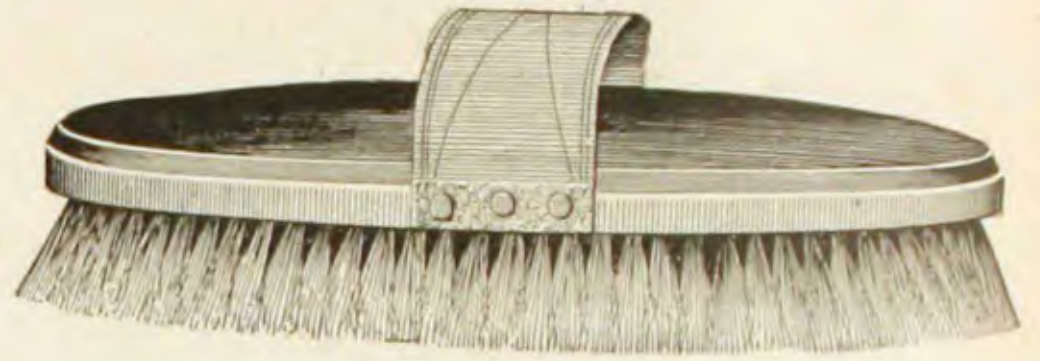
Made of Gray Bristles cased with White, Polished Boston Block.

Nos.	1	2	3
Per dozen,	\$8.88	10.40	11.30



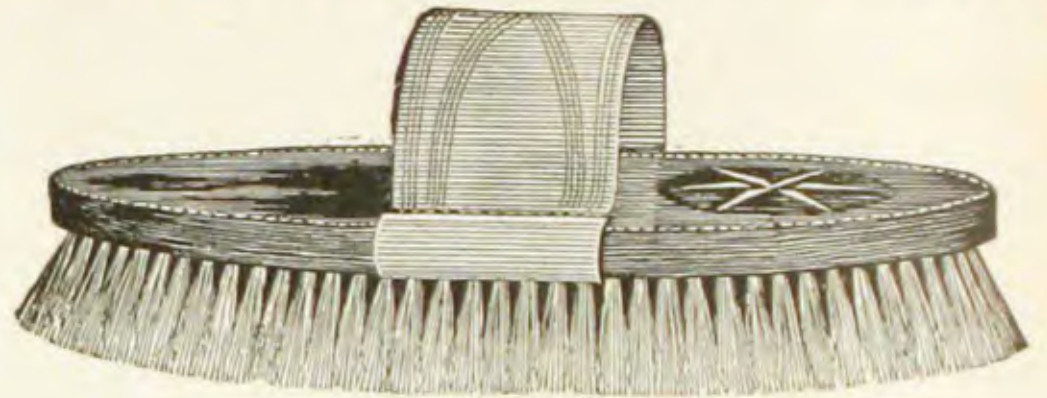
HORSE BRUSHES

WOOD BACK



Nos.	8	9	11	33	75
Per dozen,	\$1.75	2.10	2.50	3.20	7.00

LEATHER BACK HORSE BRUSHES



Nos.	25	28	35	48	148
Per dozen,	\$2.50	4.25	4.50	6.25	6.60
Nos.	122	125	70	300	
Per dozen,	\$9.50	10.00	11.25	15.00	
Nos.	Honest	325	255	280	
Per dozen,	\$18.00	22.50	30.00	37.50	

WATER OR HOOF BRUSHES



SEA ROOT

No.	96		
No.	400		per dozen, \$3.75
No.	999		" " 5.00
No.	929		" " 5.50
No.	534		" " 7.00
No.	755		" " 7.50
No.	1515		" " 9.00
No.	5000		" " 10.00
			" " 12.00

FLOOR BROOMS

For Oil Cloths and Marble Floors, Polished Blocks.

Nos.	11	12	13
Block, inches,	10	11	12
Per dozen,	\$10.75	12.25	17.40
Nos.	14	15	16
Block, inches,	13	14	12
Per dozen,	19.75	22.20	22.88

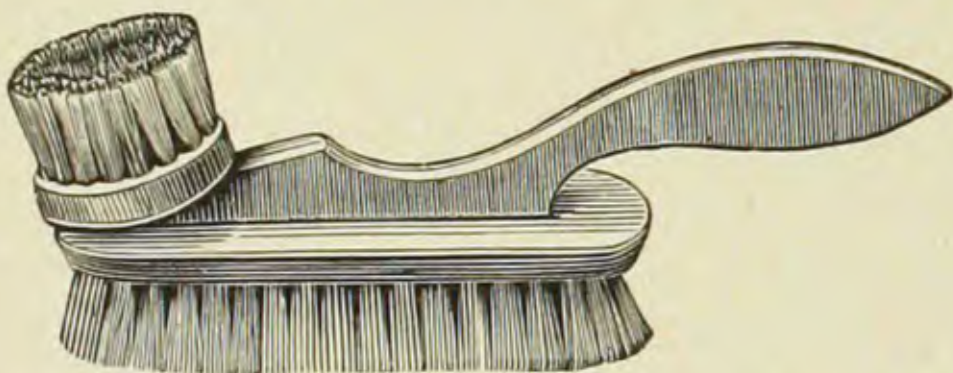


SCRUB BRUSHES



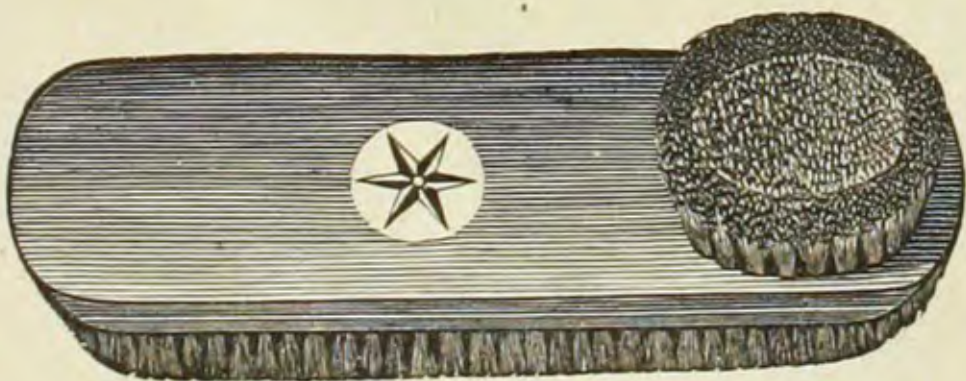
White Tampico.			Gray Tampico.		
Nos.	31	46	33	213	217 65
Per dozen,	\$1.25	1.25	1.50	2.00	2.20 2.70
Double End.			Sea Root.		
Nos.	53	40	204	22	41 160
Per dozen,	\$2.20	2.40	2.50	2.00	3.00 3.25
		Bristles.		Black Bristles.	
		Mixed.	Gray.		
Nos.		130	140	116	117
Per dozen,		\$5.00	4.70	7.50	9.00

HANDLED SHOE BRUSHES



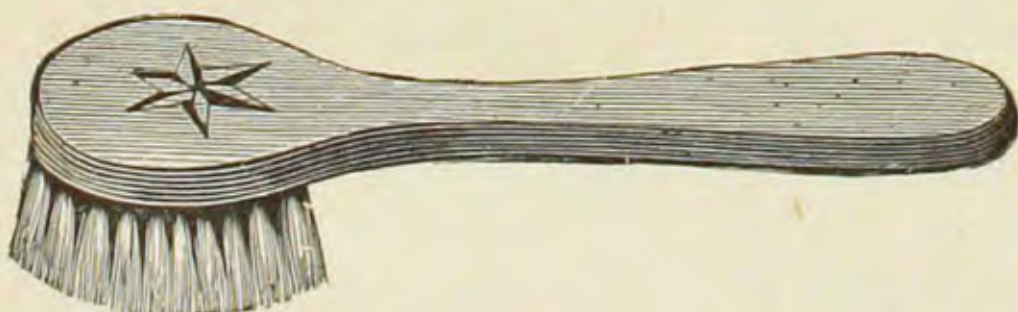
Nos.	0	22	24	19	317
Per dozen,	\$1.60	2.20	2.75	3.20	3.75
Nos.		323	329	125	157
Per dozen,		\$4.25	5.00	6.40	7.50

PLAIN SHOE BRUSHES



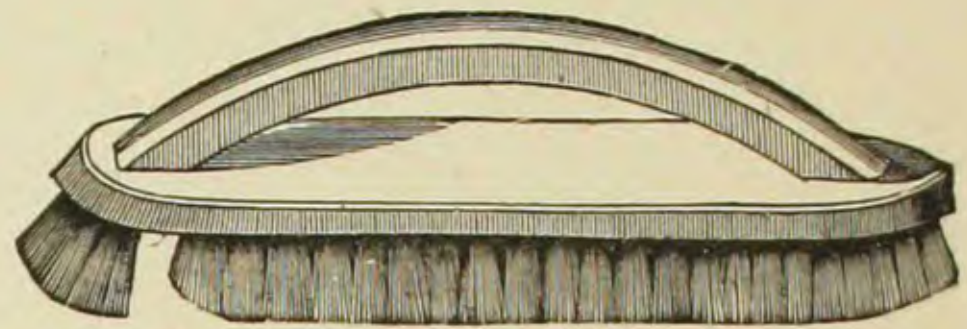
Nos.	2	4	8	16
Per dozen,	\$2.00	2.50	3.75	4.50

DAUBERS



Nos.	X	4	11	Royal
Per dozen,	\$1.00	1.80	2.50	3.75

STOVE BRUSHES



Nos.	XX	5	16	24	45	8
Per dozen,	\$2.50	2.75	3.75	4.00	3.75	3.75

SHAVING BRUSHES



Wood Handle.				Twine Bound.		
Nos.	20	22	25	29	50	52 54
Per dozen,	\$1.00	1.35	1.75	2.00	2.25	2.50 3.00
Bone Handle.				Badger Hair.		
Nos.	F	78	H	96	100	
Per dozen,	\$4.00	5.00	5.50	8.00	10.00	

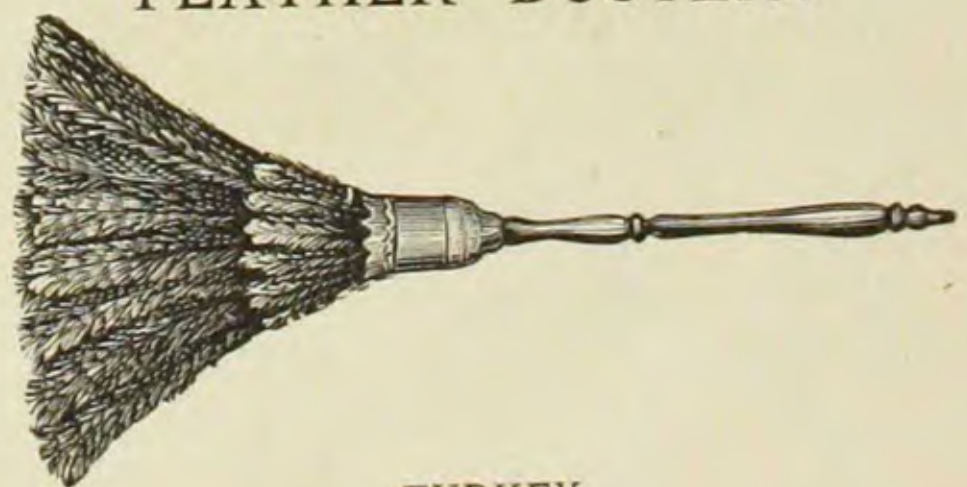
ORDINARY MARKING BRUSHES



TIN FERRULES, ROUND AND FLAT

Nos.	1	2	3	4	5	6
Per gross,	\$6.80	7.00	7.40	7.60	7.80	8.40
Assorted, 1 to 6,						per gross, \$7.50

FEATHER DUSTERS



TURKEY			
Size, inches,	10	11	12 13
Per dozen,	\$4.50	5.00	6.00 7.00
Size, inches,	14	15	16 18
Per dozen,	\$8.00	8.50	9.50 11.50

OSTRICH. BELL DUSTERS

Size, inches,	5	6	7	8	9
Per dozen,	\$2.50	3.75	5.00	6.25	7.50
Size, inches,	10	11	12	14	16
Per dozen,	\$11.00	14.00	18.00	27.00	30.00
Size, inches,	18	20	22	24	
Per dozen,	\$32.00	35.00	37.00	40.00	



